

DOCUMENT RESUME

ED 129 653

SO 009 405

TITLE Research, Teaching Training in Demography: A Directory of Institutions in the ESCAP Region. Asian Population Studies Series No. 8, Supplement No. 3.

INSTITUTION United Nations Economic and Social Commission for Asia and the Pacific, Bangkok (Thailand).

REPORT NO E-CN.11-1007-ADD.3

PUB DATE 75

NOTE 100p.

EDRS PRICE MF-\$0.83 HC-\$4.67 Plus Postage.

DESCRIPTORS *Demography; *Directories; *Foreign Countries; Higher Education; Institutional Personnel; *Institutional Research; Institutions; Population Growth; Reference Books; *Research Projects; *Social Science Research

IDENTIFIERS Asia

ABSTRACT

This directory contains information on 39 institutions and 108 projects of research teaching and training in demography in Asia and the Pacific. Eight countries are represented: Australia, Bangladesh, Hong Kong, India, Iran, Japan, New Zealand, and Pakistan. The following information is given for each institution: name, address, person in charge, professional staff, publications, and curricula. Information on research projects includes title, director, aim, area of research, publications, and date of completion. Most of the research projects are concerned with population growth and characteristics, fertility, mortality, migration, interrelations of demographic and other factors, and research methodology. Tables are included which show the scope of the entire survey to which this document is a third supplement. Among these is a list of all institutions surveyed, arranged alphabetically by each of 21 countries, with indicators showing which of the original or supplementary publications contain information about their projects. (AV)

* Documents acquired by ERIC include many informal unpublished *
* materials not available from other sources. ERIC makes every effort *
* to obtain the best copy available. Nevertheless, items of marginal *
* reproducibility are often encountered and this affects the quality *
* of the microfiche and hardcopy reproductions ERIC makes available *
* via the ERIC Document Reproduction Service (EDRS). EDRS is not *
* responsible for the quality of the original document. Reproductions *
* supplied by EDRS are the best that can be made from the original. *

ED129653

AUG 04 1976

U.S. DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY.

ASIAN POPULATION STUDIES SERIES No. 8
SUPPLEMENT No. 3

RESEARCH, TEACHING TRAINING IN DEMOGRAPHY
A DIRECTORY OF INSTITUTIONS IN THE ESCAP REGION

SP009405

ECONOMIC AND SOCIAL COMMISSION FOR ASIA AND THE PACIFIC
BANGKOK



UNITED NATIONS
1975

ESCAP'S ASIAN POPULATION STUDIES SERIES AND RELATED PUBLICATIONS

A. Asian Population Studies Series:⁺

- No. 1 Administrative Aspects of Family Planning Programmes, 16-24 May 1966 (United Nations publication, Sales No. 66.II.F.10): 1966#
- No. 2 Family Planning, Internal Migration and Urbanization in ECAFE Countries - A Bibliography of Available Materials (United Nations publication, Sales No. E.68.II.F.13): 1968#
- No. 3 Communications in Family Planning, 5-15 September 1967 (United Nations publication, Sales No. E.68.II.F.17): 1968#
- No. 4 Assessment of Acceptance and Effectiveness of Family Planning Methods, 11-21 June 1968 (United Nations publication, Sales No. E.69.II.F.15): 1969#
- No. 5 Evaluation of Family Planning Programmes, 24 November-12 December 1969 (United Nations publication, Sales No. E.70.II.F.20): 1970#
- No. 6 Fertility Studies in the ECAFE Region - A Bibliography of Books, Papers and Reference Materials (United Nations publication, Sales No. E.72.II.F.3): 1972#
- No. 7 Interrelation Between Population and Manpower Problems - Report of a Regional Seminar, 18-30 January 1971 (E/CN.11/1015): 1973
- No. 8 Research, Teaching and Training in Demography - A Directory of Institutions in the ECAFE Region (E/CN.11/1007): 1972
 - Supplement No. 1 (E/CN.11/1007/Add. 1): 1974
 - Supplement No. 2 (E/CN.11/1007/Add. 2): 1974
- No. 9 Report of the Working Group on Training of Personnel in Family Planning Programmes, 27 July-7 August 1970 (POP/TPFP/1, mimeographed): 1973#
- No. 10 The Ecological Implications of Rural and Urban Population Growth - Report on a Regional Seminar, 25 August-3 September 1971 (E/CN.11/1043): 1974
- No. 11 Population Aspects of Social Development - Report on a Regional Seminar, 11-20 January 1972 (E/CN.11/1049): 1973
- No. 12 Socio-economic Returns of Family Planning Programmes - Report of an Expert Group Meeting, 19-30 June 1972 (E/CN.11/1070): 1973
- No. 13 The Role of Voluntary Organizations in National Family Planning Programmes - Report of an Expert Group Meeting, 7-12 August 1972 (E/CN.11/1087): 1973
- No. 14 Comparative Study of Mortality Trends in the ECAFE Countries
- No. 15 A Comparative Study of Service Statistics Systems for the Evaluation of Family Planning Programmes in the ECAFE Region (E/CN.11/1198)
- No. 16 Husband-Wife Communication and the Practice of Family Planning (E/CN.11/1212)
- No. 17 Directory of Periodicals in the ESCAP Region Publishing Population Information (E/CN.11/1176)
- No. 18 Some Techniques for Measuring the Impact of Contraception: An Aid to Target Setting (E/CN.11/1119)
- No. 19/A Report of a Working Meeting on Asian Resources for a Population Library Information Network (E/CN.11/1114)
- No. 19/B Population Library Information Network for the Countries in the ECAFE Region - Task Force Meeting Report and Guidelines (mimeographed)
- No. 20/A First National Workshop of ECAFE Population Correspondents from Indonesia (mimeographed)
- No. 20/B First National Workshop of ECAFE Population Correspondents from Thailand (mimeographed)
- No. 20/C First National Workshop of ECAFE Population Correspondents from the Republic of Korea (mimeographed)
- No. 20/D First National Workshop of ECAFE Population Correspondents from Pakistan (mimeographed)
- No. 21 Comparative Study of Interrelationship between Levels of Literacy and Skill and Fertility Trends (in press)
- No. 22 Report of the Expert Group on Developing Indices to Measure the Impact of Training on Job Performance of Field Workers in Family Planning Programmes (mimeographed)
- No. 23 Report on Population and Agricultural Change (in press)
- No. 24 Report of the Seminar on the Roles of Surveys and Studies for Family Planning Management and Development (in press)
- No. 25 Report of the Expert Group Meeting on Training of Family Planning Programme Administrators (in press)
- No. 26 Report of the Expert Group Meeting on Social and Psychological Aspects of Fertility Behaviour (E/CN.11/1231)
- No. 27 Pretesting and Evaluating Family Planning Educational Materials (E/CN.11/1159)

ASIAN POPULATION STUDIES SERIES No. 8
SUPPLEMENT No. 3

RESEARCH, TEACHING TRAINING IN DEMOGRAPHY
A DIRECTORY OF INSTITUTIONS IN THE ESCAP REGION

ECONOMIC AND SOCIAL COMMISSION FOR ASIA AND THE PACIFIC
BANGKOK



UNITED NATIONS
1975

POP 90(2)D

July 1975

Dear Sir,

Following the publication of Asian Population Studies Series No. 8, **Research Teaching and Training in Demography - A Directory of Institutions in the ESCAP Region** (United Nations publication E/CN.11/1007), which listed the activities of over 200 institutions in 19 countries, Supplements 1 and 2 of the Directory were compiled and distributed to provide users of the Directory with up-to-date information on institutions engaged in population programmes.

We are now pleased to send you the third and final batch of supplementary information sheets, containing current information on 39 institutions and 108 new projects. Revised data bear the indication "(revised 1975)" and data relating to institutions included for the first time are marked "(added 1975)".

We hope to continue the task of monitoring developments within the population field. If you know of any institution which we have not listed either in the Directory or in the three Supplements, please inform us by completing and returning the questionnaire attached as annex III.

Thank you for your co-operation and support.

Carl M. Frisen
Chief
Population Division
ESCAP

Index A 1/

INSTITUTIONS FOR WHICH INFORMATION HAS BEEN PROVIDED
Items amended or added

Institutions	Directory reference No.
AUSTRALIA	
James Cook University (Queensland) Department of Geography	Australia 2.A*
Macquarie University (North Ryde) School of Economic and Financial Studies, Statistics Section	Australia 3
BANGLADESH	
Bangladesh Family Planning Council (Dacca) Inspection Directorate	Bangladesh 2*
Training, Research, Evaluation and Communication Directorate (Dacca)	Bangladesh 5*
University of Dacca (Dacca) Institute of Statistical Research and Training	Bangladesh 9.A*
HONG KONG	
University of Hong Kong Department of Geography and Geology	Hong Kong 3
Department of Statistics	Hong Kong 4
INDIA	
Department of Family Planning, Evaluation and Intelligence Division, Ministry of Health and Family Planning, Government of India (New Delhi)	India 10.A*
Jadavpur University (Calcutta) Department of Economics, Demographic Research Unit	India 18
Jawaharlal Nehru University (New Delhi) Centre for the Study of Regional Development, School of Social Sciences	India 18.A*
National Institute of Family Planning (New Delhi)	India 26.B*
Office of the Registrar General and Census Commissioner of India (New Delhi)	India 26.C*
Operations Research Group (Baroda)	India 26.D*
Punjab University (Chandigarh) Department of Geography	India 28

Note

1/ New items are indicated by an asterisk. For further explanations, please refer to "Introduction" and "How to use the Directory" (pp. iii-v of E/CN.11/1007).

Institutions**Directory
reference No.**

Patna University (Bihar)
Department of Sociology

India 29

Department of Statistics

India 30

Planning Research and Action Division (PRAD) of the State Planning (Lucknow)

India 32

Ravishankar University (Bilaspur)
C.M. Dubey Post Graduate College

India 33

State Family Planning Bureau, Demographic and Evaluation Cell, Directorate of
Public Health and Family Planning (Bhopal)

India 34.B*

State Family Planning Bureau (Lucknow)

India 34.C*

State Family Planning Bureau, Demographic and Evaluation Cell, Directorate
of Health Services (Trivandrum)

India 34.D*

Maharaja Sayajirao University of Baroda (Baroda) Faculty of Arts, Department
of Economics

India 38

University of Mysore (Mysore)
Institute of Development Studies

India 43.A*

Utkal University (Orissa)
Department of Rural Economics, Sociology and Applied Economics

India 47

IRAN

Pahlavi University (Shiraz)
Pahlavi Population Center

Iran 1.A*

Statistical Centre of Iran (Tehran)
Population Division

Iran 2

University of Isfahan (Isfahan)
Faculty of Letters, Department of Sociology

Iran 3

University of Teheran (Tehran)
School of Public Health and Institute of Public Health Research

Iran 6

Ministry of Health (Tehran)
General Department of Population and Statistical Surveys

Iran 7*

JAPAN

Hiroshima University (Hiroshima)
Statistics Section, Department of General Education

Japan 10

Ministry of Health and Welfare (Tokyo)
Institute of Population Problems

Japan 23

Institutions**Directory
reference No.**

Tohoku University (Sendai)
Faculty of Economics

Japan 31

University of Tokyo (Tokyo)
Faculty of Medicine, Department of Public Health

Japan 36

NEW ZEALAND

University of Waikato (Hamilton)
Department of Sociology

New Zealand 6.A*

PAKISTAN

Census Organization (Islamabad)

Pakistan 1.A*

Gomal University (N.W.F.P.)
Department of Statistics

Pakistan 1.B*

Regional Development Project for North West Frontier Province (Peshawar)

Pakistan 2.A*

Social Sciences Research Centre (Lahore)

Pakistan 6

Punjab University (Lahore)
Department of Sociology

Pakistan 12.A*

Index B

INSTITUTIONS FOR WHICH SUFFICIENT INFORMATION COULD NOT BE COLLECTED AND THOSE WHICH ARE CURRENTLY NOT INVOLVED IN POPULATION ACTIVITIES

INDIA

Delete the entry: Marathwada University, Department of Economics
University of Bombay, School of Social Work, Institute of Social Service, teaches content in population and family planning at both the Bachelor's and Master's levels in Social Work. Emphasis is not on teaching demography *per se* but on its implications for social welfare. Studies done by students in group projects are: (i) Communication of the small family norm in a hospital setting; (ii) A follow-up study of abortions.

PAKISTAN

The Board of Economic Inquiry, Lahore, is a research institution conducting surveys of all socio-economic aspects of the country. Population/demographic studies are not regular features of research.

PHILIPPINES

University of the Philippines, Laguna, Department of Agricultural Education.

Add: Publications:

1. G.T. Castillo and J.F. Pua, "Research notes on the contemporary Filipino family: Findings in a Tagalog area," *Philippine Journal of Home Economics*, vol. 4, July-Sept. 1963, No. 3, pp. 4-35.
2. G.T. Castillo, A.M. Wiseblat and F.R. Villareal, "The concepts of nuclear and extended family: An exploration of empirical referents," *International Journal of Comparative Sociology*, vol. 9, No. 1, March 1968, pp. 1-40.
3. G.T. Castillo and S.H. Guerrero, "The Filipino woman: A study in multiple roles," *Journal of Asian and African Studies*, vol. 4, No. 1, Jan. 1969, pp. 18-29.
4. G.T. Castillo, "Some sociological considerations in promoting family planning programs," *Solidarity*, vol. 5, No. 3, March 1970, pp. 12-16.
5. G.T. Castillo, "The women of Ceylon: Some vital statistics," *Journal of Asia Society*, N.Y., No. 24, Winter 1971/72, pp. 67-100.
6. G.T. Castillo, *Agricultural Innovation and Population Change: A Search for Interaction* (Proceedings of Seminar on Effects of Agricultural Innovation in Asia on Population Trends, R.M. Award Foundation, Manila, Philippines, 6-9 Feb. 1972).
7. G.T. Castillo, "Perspectives on rural out-of-school youth: The undiscovered majority," in *Proceedings of Workshop on Manpower and Human Resources* sponsored by the NEDA and IEDR, 13-15 Oct. 1973.

Research projects in progress:

1. G.T. Castillo, *The Filipino Woman as Manpower*. (Expected completion 1975).
2. *Micro-Familial Studies in Three Lakeshore Villages*. (With J. Valera and L. Ilan), 1975.
3. G.T. Castillo (Chairman of Organization of Demographic Associates Workshop on Family and Household Structure): a report on family and household structure in East and Southeast Asia is being prepared, 1975.

Index C

SUBJECT AREAS OF THE RESEARCH PROJECTS REPORTED 1/

Under each heading are indicated the name of the country having a project in the area concerned, the code number of the institution and, in parentheses, the relevant number of projects.

Supplement 3

POPULATION: SIZE, GROWTH, CHARACTERISTICS

General:

Hong Kong	4
India	18
Iran	2-3

Rural:

Bangladesh	9A
India	43A
Iran	1A-6
Japan	10-23(2)-36

Trends and projections:

Australia	2A(2)
Bangladesh	9A
India	26C(2)-26D
Japan	23

Urban-rural distribution, urbanization and urban studies:

Bangladesh	9A
Hong Kong	3
India	18
Iran	1A
Japan	36

Demographic characteristics:

Iran	2-6(6)
------	--------

Economic characteristics:

India	18A-33-43A
Japan	23

Social characteristics:

India	18A-26C-33-43A
Iran	1A

Ethnic characteristics:

India	26C-28
-------	--------

FERTILITY

General:

India	26B
Iran	1A(3)-6(2)
Japan	23
New Zealand	6A
Pakistan	1A

Differential fertility:

Pakistan	1A
----------	----

Note

1/ A research project may cover more than one subject area.

Supplement 3

Marriage, divorce, widowhood and family:

Australia

3

Factors affecting fertility:

Bangladesh

5

India

10A

New Zealand

6A

MORTALITY

General:

Iran

6

Infant mortality:

India

10A

Life tables:

Japan

23

MIGRATION:

Internal:

India

18-18A-28

Iran

1A

Japan

10-23(2)

Pakistan

2A-6

INTERRELATIONS OF DEMOGRAPHIC AND OTHER FACTORS

Labour force and employment:

Bangladesh

9A

India

26D

Iran

1A

Pakistan

6

Housing and physical planning:

Bangladesh

9A

Hong Kong

3(2)

India

26D

Japan

10

Health:

Bangladesh

9A

India

43A

Iran

1A-6(6)

Japan

36

Pakistan

2A

Education:

Bangladesh

2(2)-9A

Pakistan

2A-12A

Other social factors:

Pakistan

2A

India

10A

METHODOLOGY

Collection of data and verification:

Bangladesh

2

India

10A-26B(2)-26C(8)

Supplement 3

FERTILITY CONTROL

General:

India
Japan

10A-34B(2)
10

KAP:

Bangladesh
India
Iran

5
26D-34B
6(2)

Abortion:

Bangladesh
Iran

5
6

Communication:

Bangladesh
India
Iran
Pakistan

5
47
1A
6(2)

Evaluation and impact:

India

26D(2)-34B(2)

Other:

Japan

36

GENERAL

Other:

Hong Kong
Pakistan

3
6

RESEARCH AND TEACHING INSTITUTION

Australia 2.A*
(added 1975)

Name James Cook University, Department of Geography
Address Douglas Campus, P.O. Box 999, Townsville, 4810, Queensland, Australia
Person in charge OLIVER, J.
Official title Head
First year of research 1967
First year of teaching 1971

Professional staff
MUNRO, R.G. M 1949 Geographer ... English

Research project
Title Population projection studies
Director MUNRO, R. G.
Date of completion May 1975
Aim To effectively project population with accuracy into the future
Area of research Australian urban population
Publication "Temporal autocorrelation as a dimension of population based interaction fields" (MUNRO, R. G.), Discussion Paper Series, vol. 1, March 1974, monograph, pp. 52, 50 copies, in English with summary in English.
 A method is suggested to project population into future periods.

Title Projecting population in urban areas
Director MUNRO, R. G.
Date of completion December 1974
Aim To evaluate different projection methods
Area of research Population projections generally
Publication "Projecting population in urban areas", (Hopley, D) James Cook University of North Queensland, Townsville, monograph, 150 copies, in English with summary in English.
 Projection of population under different modelling assumptions.

Curricula
Language English
Entrance requirements Matriculation
Diploma B.A., B. Ed. or B. Ec.
Course DEMOGRAPHIC PROBLEMS IN SOUTH EAST ASIA, 12 h;
 POPULATION THEORY, 6 h.

RESEARCH AND TEACHING INSTITUTION

Australia 3
(revised 1975)

Name Macquarie University, School of Economic and Financial Studies, Statistics Section
Address North Ryde 2113, Australia
Person in charge POLLARD, A. H.
Official title Professor of Economic Statistics and Director of Actuarial Studies
First year of research 1967
First year of teaching 1967

Professional staff

POLLARD, A. H.	M	1916	Demographer		English
YUSUF, F.	M	1940	Demographer	Elements and topics in demography; demography IIIA and B	Urdu, English
HOSSACK, I.B.	M	1924	Statistician- demographer	Topics in demography	English
POLLARD, G. N.	M	1944	Demographer	Elements and topics in demography	English

Research project

Title Family formation survey of New South Wales
Director POLLARD, A. H. and YUSUF, F.
Date of completion 1975
Area of research New South Wales
Publication "Survey of Family Formation in Australia" (POLLARD, A.H., YUSUF, F., POLLARD, G.N.),
Transactions of the Institute of Actuaries of Australia and New Zealand, vol. 23, November 1972, periodical, pp. 113-155 in English. The paper gave methodological details of the Family Formation Survey of New South Wales and some preliminary findings.

Working paper, School of Economic and Financial Studies, Macquarie University, No. 13, August 1974, mimeograph, in English. To present results of analysis of the demographic data collected in the Family Formation Survey of New South Wales.

Working paper, School of Economic and Financial Studies, Macquarie University, No. 14, July 1974, mimeograph, in English. A study of opinions regarding selected aspects of the ideal family cycle - average ideal family sizes, average ideal ages for marriage, average ideal ages to cease childbearing, and average ideal interval between marriage and birth of first child.

"Demographic techniques", (POLLARD, A. H., YUSUF, F., POLLARD, G.N.), Pergamon Press, March 1974, book, in English. Book on demographic techniques containing 12 chapters: 1. Sources of demographic statistics; 2. Some basic demographic measures; 3. The life table; 4. Applications of stationary population models; 5. Mortality; 6. Fertility; 7. Stable populations and population models; 8. Population estimates and projections; 9. Demographic sample surveys; 10. Multiple decrement tables; 11. Testing the accuracy of demographic data; 12. Estimating demographic measures from incomplete data.

RESEARCH INSTITUTION

Bangladesh 2*
(added 1975)

Name Bangladesh Family Planning Council, Inspection Directorate
Address 14, Dhanmondi R/A, Road No. 6, Dacca-5, Bangladesh
Person in charge WALIULLAH, S.
Official title Director

Professional staff

WALIULLAH, S.	M	1930	Sociologist	Evaluation	Bengali, English
RAFIQUZ-ZAMAN,					
A. K. M.	M	1941	Social worker	Evaluation	Bengali, English
AKHTER, F.	F	1938	Social worker	Evaluation	Bengali, English
RAHMAN, M.	M	1945	Sociologist	Research	Bengali, English

Research project

Title "A family planning study in bastee areas of Dacca City" a/
Director WALIULLAH, S.
Date of completion May 1975
Aim To asses the effectiveness of an intensive education and motivation programme in a bastee (slum area of Dacca City)
Area of research Dacca City
Publication The pre-survey report is available in mimeographed form

Title Couple registration in Bangladesh - a follow-up study
Director RAFIQUZ-ZAMAN, A.K.M.
Date of completion February 1975
Aim Quality checking of couple registration work
Area of research Dhamrai Thana
Publication "Couple registration in Bangladesh - a follow-up study" (WALIULLAH, S., RAFIQUZ-ZAMAN, A.K.M.), mimeograph.

Title School teachers' opinion on population education programme
Director WALIULLAH, S. and AKHTER, F.
Date of completion April 1975
Aim To find out whether teachers are in favour of introducing population education programmes in the educational institutes and also to elicit their comments and suggestions on population education programmes
Area of research All districts of Bangladesh

Note

a/ The project consists of three phases, i.e. pre-survey, experimental phase and post-survey. The second phase of the project is in progress.

RESEARCH AND TEACHING INSTITUTION

Bangladesh 5*
(added 1975)

Name Training, Research, Evaluation and Communication Directorate
Address 16-B, Road No. 7, Dhanmandi Residential Area, Dacca, Bangladesh
Person in charge RABBE, J.A.
Official title Project Director
First year of research 1962

Professional staff

KHAN, M.N.	F	1938	Health Educator	n.a.	Bengali, English
BEGAM, G. A.	F	1940	Health Educator	n.a.	Bengali, English
NAJMUNNESSA, S.	F	1937	Health Educator	Motivation, communication, etc.	Bengali, English
BEGUM, J.	F	1931	Health Educator	n.a.	Bengali, English
NESSA, S.	F	1937	Anthropologist	n.a.	Bengali, English
SELM, A. F. M.	M	1936	Social worker	n.a.	Bengali, English
BHUIYAN, A.	M	1939	Social worker	n.a.	Bengali, English
RAHMAN, A.	M	1938	Sociologist	n.a.	Bengali, English
MITRA, S. N.	M	1946	Statistician	n.a.	Bengali, English
RAHMAN, M.	M	1945	Sociologist	n.a.	Bengali, English
AHMED S.	M	1944	Humanities	n.a.	Bengali, English
ENAMULLAH, A.K.M.	M	1944	Humanities	n.a.	Bengali, English
ALAM, S.	M	1944	...	n.a.	Bengali, English
AHMAD, G.	M	1942	Sociologist	n.a.	Bengali, English
HOSSAIN, M.	M		Sociologist	n.a.	Bengali, English

Research project

Title Attitude of professionals towards induced abortion
Director KHAN, M. N. and RABBE, J.A.
Date of completion December 1974
Aim To measure the attitude of professionals (e.g. lawyers, engineers, physicians) towards the introduction of induced abortion as a method of family limitation

Area of research Dacca

Title Factors related to poor participation of low parity couples
Director KHAN, M. N. and RABBE, J. A.
Date of completion June 1976
Aim To determine the factors related to low participation of couples having a small number of children towards family planning

Area of research Dacca

Title Use effectiveness of various communication media in the field of family planning
Director RABBE, J. A. and BEGUM, J.
Date of completion December 1975
Aim To assess the effectiveness of various media used for the propagation of family planning

Area of research Dacca

Title
Director
Aim

KAP survey of trainee school teachers

BEGAM, G. A. and RABBE, J. A.

- 1) To ascertain the KAP of school teachers in order to utilize them as informal family planning education agents in the community they live in;
- 2) To know how far they will be helpful in imparting family life education to the school students.

Area of Research

Dacca Education Extension Center

RESEARCH AND TEACHING INSTITUTION

Bangladesh 9. a*
(added 1975)

Name University of Dacca, Institute of Statistical Research and Training
Address Science Annex, Dacca-2, Bangladesh
Person in charge SAMAD, A.
Official title Director
First year of research 1964
First year of teaching 1968

Professional Staff

HOSSAIN, M.	M	1938	Statistician	Econometrics and operations research	Bengali,	English
KHATUN, K.	F	1943	Statistician	Statistics and computational techniques	Bengali,	English
KABIR, M. H.	M	1943	Statistician	Demography	Bengali,	English
RAHMAN, M.	M	1945	Statistician	Methods of statistics	Bengali,	English
MUSTAFA, M. G.	M	1938	Statistician	Econometrics and operations research	Bengali,	English
BAIRAGI, R.	M	1940	Statistician	Methods of statistics	Bengali,	English
SAMAD, A.	M	1937	Statistician	Econometrics and operations research	Bengali,	English
RAHMAN, Q. M. M.	M	1941	Economist	Econometrics	Bengali,	English
RAHMAN, A. U.	M	1943	Computer scientist	Computer science	Bengali,	English
AHMED, A. U.	M	1948	Statistician	Demography and statistics	Bengali,	English
SADHAK, A.	M	1948	Statistician	Methods of statistics	Bengali,	English
HUQ, A. K. M. S.	M	1933	Statistician	Operations research	Bengali,	English
RAHMAN, A. N. M. A.	M		Economist	Econometrics	Bengali,	English
CHOWDHURY, A. K. M. A.	M		Demographer	Demography	Bengali,	English

Research project

Title Demographic studies in rural Bangladesh
Director AHMAD, M.
Aim To estimate various rates relating to births, deaths, migration and marital status and their relationship with socio-economic variables.
Area of research Rural Bangladesh
Publication "Age reporting in rural Bangladesh" (BAIRAGI, R. and RAHMAN, A. U.), Rural Demography (journal published by ISRT), vol. I, No. 1, Summer, 1974, periodical, 700 copies, in English. This paper makes a comparative study of error and accuracy in the age data of two local censuses in Bangladesh.
"Fertility differentials in rural Bangladesh" (SAMAD, A., BAIRAGI, R. and RAHMAN, A. U.), Rural Demography (journal published by ISRT), vol. I, No. 1, Summer, 1974, periodical, 700 copies, in English. This paper uses the census data of Nawabganj, a typical rural area of Bangladesh, and studies the fertility differentials of this population using the child/woman ratio technique.

Title	Urban housing demand survey
Director	HOSSAIN, M., MUNIRUZZAMAN, A. N. M., AHMAD, M. and OBAIDULLAH, M.
Date of completion	July 1971
Aim	To study housing problems in general, in order to make comprehensive planning
Area of research	Urban area in Bangladesh
Publication	"Urban housing demand survey in Bangladesh - a research report", (AHMAD, M.), monograph, pp. 96, 200 copies, in English. The problem of housing in the urban areas of Bangladesh has assumed a gigantic magnitude due to the recent rapid urbanization of the country. Industries have grown up as communication has improved. As a result, there has been a considerable rural-to-urban migration. Old towns have expanded and some new ones have arisen. Many new structures have been raised in the urban areas by individual citizens as well as by the Government to accommodate people, offices, business centres and institutions of various kinds. But the efforts made so far for meeting the housing needs have not been comprehensive, organized or co-ordinated. Although the cities have grown in size as well as content, the housing problem has remained as serious as ever, especially for the people in the middle and low income groups. In the modern world, new cities are built and old ones are extended and reconstructed with the help of well thought out plans which are based on scientific investigations on the demand for housing, existing conditions of housing and availability of resources. According to the definition of "urban area" adopted in the 1961 population census, the urban area in Bangladesh consists of 78 towns and townships and the total urban population comes to about 5 per cent of the total population of the country. In order to provide information relevant to housing demand in the urban areas of Bangladesh, a sample survey was conducted during the months of June, July and August in 1970.

Title	Attitude of teachers, guardians and students towards population and family life education
Director	AHMAD, M.
Date of completion	February 1971
Aim	Knowledge about population and attitude towards the introduction of courses in the curriculum of the secondary stage of education on population and family life education.
Area of research	Bangladesh
Publication	"Attitude of teachers, guardians and students towards population and family life education - a research report" (AHMAD, M.), monograph, pp. 161, 200 copies. In order to make the coming generation more conscious of the population problems and make family planning a real success, it will not be out of place if such topics as population, population pressure, need for small families, how the child is conceived and the methods used for planning families are included in the curriculum of secondary schools and undergraduate and graduate classes. However, before any action is taken in this respect it will be necessary to know the existing knowledge of the students regarding population problems, the ideas of the teachers and guardians about the introduction of such topics in the schools, and the class level at which these topics may be introduced. It will also be necessary to know the extent of knowledge which may be imparted at various levels. Another allied problem worth studying is the sex preference which leads towards many problems, such as larger families and the deterioration of the psychological health of the family. If a baby of unwanted sex is born, it may be reared as a baby of the wanted sex. This can lead to sex role confusion and further personality problems. Keeping in view the funds available, a sample survey of secondary students, their teachers and guardians has been attempted only in Dacca city, in the industrial area in and around Dacca and in the rural area of Dacca Sadar subdivision, with the hope that a follow-up study will be made after five years.

Title Demographic research on population projections and target population
Director HOSSAIN, M.
Date of completion February 1971
Aim To analyse projections under different assumptions of mortality and fertility and to establish targets for family planning activities in order to achieve a pre-assigned decline in population growth.
Area of research Pakistan
Publication "A population model for developing countries - Proceedings of the Pakistan International Family Planning Conference - Dacca 1969" (HOSSAIN, M.), February 1969, monograph, pp. 8, in English. The population model presented in this article is primarily a projection model which does not make too exacting a demand on basic data requirements and takes into account the inherent uncertainties associated with these data.

Title Employment survey of graduates
Director OBAIDULLAH, M.
Date of completion February 1971
Aim To study the volume of unemployment and the extent of employment in the specified field for which the student is trained
Area of research Bangladesh
Publication "A study of employment survey of graduates - a research report", February 1971, monograph, pp. 116, 200 copies, in English. Two surveys (one on the academic and employment records of graduates passing during the period 1963-1967 and the other on some selected industries (employers) were conducted in order to make a better assessment of the situation of higher education with respect to its contribution to qualified manpower.

Title Pilot health survey of jute-mill workers of Khulna industrial area
Director MUNIRUZZAMAN, A. N. M.
Date of completion December 1966
Aim To determine the general health of the jute-mill workers and whether working conditions have any significant effect on their health
Area of research Industrial area of Khulna District in Bangladesh
Publication "Health survey of jute-mill workers of Khulna industrial area - a research report" (MUNIRUZZAMAN, A. N. M.), monograph, pp. 84, 200 copies, in English. The survey was designed to furnish data for determining the incidence and/or prevalence of certain diseases, so far as this can be detected by interviewing and the above four diagnostic tests, and to study the interrelationships, if any, between the socioeconomic and demographic characteristics and the prevalence or incidence of morbid conditions of the jute-mill workers of Khulna Industrial area.

Curricula
Language English
Entrance requirement Diploma in Statistics
Diploma M.Stat.
Course POPULATION MATHEMATICS, 40 h.
 POPULATION ANALYSIS, 40 h.

Entrance requirement M.A./M.Sc. in Stat./Math./Economics
Diploma M.Phil.

RESEARCH AND TEACHING INSTITUTION

Hong Kong 3
(revised 1975)

The following supersedes the information published earlier:

Name	University of Hong Kong, Department of Geography and Geology
Address	Pokfulam Road, Hong Kong
Person in charge	GRANT, C.J.
Official title	Professor
First year of research	1965
First year of teaching	1960

Professional staff

RICHARDS, S.F.	M 1944 Geographer	Economic methods	English
CHIU, T.N.	M 1933 Geographer	Economics of China	Cantonese, English
BRAY, J.M.	F 1943 Geographer	Urban Geography	English
LEUNG, C.K.	M 1938 Geographer	Political Geography	Cantonese, English
SIMPSON, E.S.	M 1927 Geographer	Economic Geography	English

Research projects

Title	Squatter project
Director	DWYER, D.J.
Date of completion	1970
Aim	To collect demographic and socio-economic data
Publication	"Urban squatters — the relevance of the Hong Kong experience" (DWYER), Asian Survey, 10, pp. 607-14, 1970.

Title	Hawker project
Director	McGEE, T.G.
Date of completion	1970
Aim	To collect demographic and socio-economic data
Publication	"Hawker in selected Asian cities: a preliminary investigation" (McGEE), University of Hong Kong, Centre of Asian Studies, 38 pp. 1973.

Title	Urbanization housing project
Director	DRAKAKIS-SMITH, D.W.
Date of completion	1970
Aim	To collect demographic and socio-economic data
Publication	"Housing needs and planning policies for the Asian city — the lesson from Hong Kong" (DRAKAKIS-SMITH), International Journal of Environmental Studies, 1, pp. 115-28, 1971.

Curricula

Language	English
Entrance requirement	Matriculation
Diploma	B.A., B.Soc., M.A., Ph.D.
Courses	HUMAN GEOGRAPHY (1st year), 20h, including: 1. General population characteristics i.e. growth and structure, 2 h; 2. Settlement, urbanization, 2 h; 3. Economic aspects, 2h.

ECONOMIC GEOGRAPHY (2nd year), 40 h, including: 1. Population and economic development, 2 h; 2. Population as human resource, 2 h.

URBAN GEOGRAPHY (2/3 year), 40 h, including: implications of rapid population growth for urbanization, 8 h.

COMPARATIVE REGIONAL GEOGRAPHY OF DEVELOPING AREAS (3rd year), 40 h, including: comparative features, population change and effects, 4 h.

PRACTICAL GEOGRAPHY (1st-3rd year) (compulsory), including: 1. Cartographic and graphic techniques, 10 h; 2. Statistical and survey techniques, 25-40 h.

REGIONAL GEOGRAPHY OF CHINA AND HONG KONG (2nd year) (compulsory) 40 h, including: population change since 1949.

POLITICAL GEOGRAPHY (3rd year), 40 h, including: population distribution and spatial polity.

RESEARCH AND TEACHING INSTITUTION

Hong Kong 4
(revised 1975)

Name University of Hong Kong, Department of Statistics
Address Hong Kong
Person in charge FAN, S.C.
Official title Senior Lecturer and Head
First year of research 1969
First year of teaching 1962

Professional staff

FAN, S.C.	M 1927 Statistician	Demographic statistics	Chinese,	English
CHIU, W. K.	M 1936 Statistician	n.a.	Cantonese,	Chinese, English
LEUNG, C. K.	M 1942 Statistician	n.a.	Cantonese,	Chinese, English
LI, R. K. C.	M 1947 Statistician	n.a.	Cantonese,	Chinese, English

Research project

Title The population growth of Hong Kong
Director FAN, S.C.
Date of completion 1975
Aim To present an analytical study of the past, present and future population of Hong Kong
Area of research Hong Kong

Curricula

Language English
Entrance requirement Advanced level examination of the University of Hong Kong
Diploma B.Soc.Sc.
Courses DEMOGRAPHIC TECHNIQUE, 20 h: 1. Nature of demography, 2 h; 2. Mortality, 2 h; 3. Fertility, 2 h; 4. Population growth, 2 h; 5. Migration, 2 h; 6. Manpower, 3 h; 7. Life tables, 3 h; 8. Population projections, 4 h.

RESEARCH INSTITUTION

India 10.A*
(added 1975)

Name	Department of Family Planning, Evaluation and Intelligence Division, Ministry of Health and Family Planning, Government of India	
Address	New Delhi, India	
Person in charge	RAO, M. V. S.	
Official title	Director	
Professional staff		
RAO, M. V. S.	M	Telugu, English, Hindi, French
SINGHA, P.	M 1920	Bengali, English, Hindi, Spanish, French
PARTHASARATHY, N.R.	M 1933	Tamil, English, Hindi, Kannada, German
BHATNAGAR, N. K.	M 1929	Hindi, English, Urdu
Research projects		
Title	Sample check of family planning records on acceptors a/	
Director	RAO, M. V. S.	
Aim	i) To check the reliability and accuracy of family planning performance statistics being maintained at the various peripheral levels in the country; ii) To follow up the family planning acceptors to assess their satisfaction or otherwise of the service rendered; iii) To ascertain the regularity of supply and use of conventional contraceptives; iv) To verify the genuineness of cases and their eligibility.	
Area of research	All primary health centres/urban centres are taken up in a phased manner b/	
Title	Religious characteristics of family planning acceptors c/	
Director	RAO, M. V. S.	
Aim of project	To ascertain the extent of participation of various religious communities in the family planning programme at state/national level	
Area of research	The data are collected in respect of all acceptors of sterilisation and IUD from the State Family Planning Bureau and analysed.	
Title	A review of studies on the relationship between infant mortality and the level of fertility in India	
Director	SINGHA, P.	
Date of completion	March 1975	
Aim	To review research activities carried out so far on the relationship between infant mortality and the level of fertility in India	
Area of research	India	
Publication	"A review of studies on relationship between infant mortality and the level of fertility in India" (SINGHA, P.), pp. 36, in English with a summary in English. The review discussed the subject matter under the following major headings: (i) fertility and infant mortality; (ii) infant mortality in relation to the age of mother and parity; (iii) role of maternal health and nutrition in the survival of children; (iv) parity and reproductive wastage; (v) infant mortality in relation to interval between successive births; and (vi) birth weight in relation to fertility. It has been broadly concluded that improved maternal and child health services may reduce maternal and infant deaths which may in turn lead to greater acceptance of small family size norm irrespective of other issues involved in the matter.	

Title	A study on the distribution of conventional contraceptives in Ludhiana District, Punjab d/
Director	SEAL, K. C.
Date of completion	April 1974
Aim of project	To find out: i) response of villagers to conventional contraceptive programme; ii) difficulties experienced in making use of contraceptives and obtaining supplies by potential users.
Area of research	Ludhiana District, Punjab State

Note:

- a/ The sample check is to be continued on an annual basis.
- b/ The findings of the sample check are consolidated at the central level and communicated to the State Family Planning Bureau. As these reports are meant for official use and action, they are not published.
- c/ A study was carried out for 1973-74 and the results brought out. It is proposed to carry out the study annually hereafter to study the trends. The reports are available for official use only. The figures have however been published in the publication "Family Welfare Planning in India - Year Book".
- d/ The survey report was not published as it was prepared for official use only.

RESEARCH AND TEACHING INSTITUTION

India 18
(revised 1975)

The following supersedes information published earlier:

Name	Jadavpur University, Department of Economics, Demographic Research Unit
Address	Calcutta-32, India
Person in charge	GHOSH, Ambikaprasad
Official title	Professor of Applied Economics
First year of research	1961
First year of teaching	1965

Professional staff

GHOSH, Ambikaprasad	M 1921 Economist	Demographic analysis, mathematical demography	Bengali, English
CHAKRAVARTI, Dabesh Chandra	M 1943 Economist	- do -	Bengali, English
CHAKRAVARTI, Animesh Chandra	M 1938 Economist	- do -	Bengali, English
SARKAR, Hiren	M 1947 Programmer	n.a.	Bengali, English
DAS, Ranjit Ranjan	M 1936 ...	Demographic analysis, mathematical demography	Bengali, English

Research project

Title	Population growth in India
Publications: Add:	"Population and planning in population in India's development 1947-2000" (GHOSH) A publication of Indian Association for study of Population. "International migration and the pure theory of economic growth" (GHOSH), Conference on International Migration, Buenos Aires, March 1974.

Title	Urban growth models
Director	GHOSH, A.
Date of completion	March 1976
Aim	Develop growth model for urban areas
Area of research	Calcutta and Bombay

Title	Migration and regional growth differences in population in India 1921-71
Director	CHAKRAVARTI, D.
Date of completion	December 1975
Aim	Study of interregional growth differential in India
Area of research	India

Publications	"Migration and population growth in West Bengal 1951-61" (CHAKRAVARTI), Indian Demographic Bulletin, 1st issue, 1972. "Population growth in Madras" (CHAKRAVARTI), Census Centenary Volume. "Migration and population growth" (CHAKRAVARTI), Journal of Population Research, N.I.F.P., Delhi.
---------------------	--

Curricula

Entrance requirement	B.A.
Diploma	M.A.
Course	VITAL STATISTICS OF DEMOGRAPHY, 10 h.

RESEARCH AND TEACHING INSTITUTION

India 18. A*
(added 1975)

Name Jawaharlal Nehru University, Centre for the Study of Regional Development,
School of Social Sciences,
Address New Delhi-110057, India
Person in charge PREMI, M.K.
Official title Associate Professor

Professional staff

MITRA, A.	M 1917	Demographer	Bengali, English, Hindi, French
ROYBURMAN, B. K.	M 1922	Social anthropologist	Hindi, English
PREMI, M.K.	M 1931	Sociologist-demographer	Hindi, English
RAZA, M.	M 1925	Geographer	Urdu, English, Hindi
PATHAK, C.R.	M 1935	Geographer-regional planner	Bengali, English, Hindi, French
NANGIA, S.K.	F 1942	Geographer	Hindi, English, Punjabi, German
RAO, S. K.	M 1943	Economist	Telugu, English
MAHMOOD, A.	M 1944	Statistician	Urdu, English, Hindi
DHURANDHAR, K.P.	M 1931	Geographer	Hindi, English, German

Research project

Title Outmigrating towns — a study into causes and consequences of outmigration
Director PREMI, M. K.
Date of completion September 1975
Aim To analyse the causes of chronic outmigration from certain urban areas, to understand the consequences for the communities and to suggest corrective measures
Area of research States of Haryana and Punjab in India

Title Analysis and utilization of census and related data, 1872-1971, to study the interrelationship of population change and social and economic change in India
Director MITRA, A.
Date of completion 1979
Aim To study the interrelationship between population change and social and economic change over a period of time
Area of research India

Curricula

Entrance requirement Master's degree in Mathematics, Statistics, Economics, Geography, Sociology or Anthropology
Diploma M.P.S. (Master of Population Studies)
Courses Compulsory
POPULATION METHODOLOGY
BIO-SOCIAL ASPECTS
ECONOMIC ASPECTS
GEOGRAPHIC ASPECTS
SOCIOLOGICAL ASPECTS
CENSUS AND VITAL STATISTICS MANAGEMENT ASPECTS
Specialization
Two courses in anyone of the first five areas of compulsory courses.
Project/Dissertation/Research paper (field work required)

RESEARCH INSTITUTION

India 26. B*
(added 1975)

Name National Institute of Family Planning
Address L-17, Green Park, New Delhi-110016, India
Person in charge KOHLI, B. R.
Official title Assistant Director
First year of research 1963

Professional staff

KOHLI, B. R.	M	Demographer/statistician	Punjabi, English
JAIN, P. K.	M 1931	Biostatistician/demographer	Hindi, English, Urdu
VOHRA, H. R.	M	Sociologist/demographer	Punjabi, English, Urdu
CHANANA, H. B.	M 1932	Statistician/demographer	Punjabi, English, Hindi, Urdu, Persian
GOEL, O. P.	M 1939	Demographer	English, Hindi

Research projects

Title Standard fertility survey in Mehrauli Block
Director KOHLI, B. R.
Date of completion 1970
Aim To assess the current level of fertility and to measure in a standard way the change in fertility which would occur from time to time in this area; to develop sensitive indices of fertility.

Title Sample registration scheme in Mehrauli Block
Date of completion 1970
Aim To study the methodological and operational problem that might arise in organising the full scale scheme throughout the country
Area of research Vital statistics
Publication "Sample registration in Mehrauli Block, South Delhi — a report on the fourth year of the scheme, 1967" (JAIN, P. K.), mimeograph, in English.

"Sample registration in Mehrauli Block, South Delhi — a report on six year experimental study" (JAIN, P. K.), mimeograph, in English.

Title Survey problems and guidelines in fertility surveys
Publication "Influence of infant mortality on fertility in African countries" (KOHLI, B.R. and GOEL, O. P.)

"Evaluation of family planning: a longitudinal panel approach" (CHANANA, H. B.).

RESEARCH INSTITUTION

India 26.C*
(added 1975)

Name Office of the Registrar General and Census Commissioner of India
Address 2A, Man Singh Road, New Delhi — 110011
Person in charge CHARI, R. B.
Official title Registrar General and Census Commissioner
First year of research 1958

Professional staff

CHARI, R. B.	M	1923	Registrar General and Census Commissioner	Tamil, English, Sanskrit, Marathi, Hindi
LAL, R. B.	M	1921	Statistician/demographer	Hindi, English
ROY BURMAN, B. K.	M	1922	Anthropologist	Bengali, English
KULKARNI, G. A.	M	1928	Statistician/demographer	Kannada, English, Hindi, Marathi
CHAKRAVORTY, K. K.	M	1924	Demographer	Bengali, Hindi, English
RAGHAVACHARI, S.	M	...	Demographer	Tamil, English, Hindi
ROY, B. K.	M	1936	Geographer/demographer	Bengali, English, Hindi, Amharic
LAL, B. B.	M	1933	Demographer/sociologist	Hindi, English, Urdu, French
KRISHNAN, K. S.	M	1934	Statistician/demographer	Tamil, English, Hindi, Malayalam
SWAMY, V. S.	M	1934	Statistician/demographer	Tamil, English, Malayalam
MISHRA, S. P.	M	1938	Statistician/demographer	Hindi, English
AIKAT, T. K.	M	1939	Statistician/demographer	Bengali, English, Hindi
CHATURVEDI, S. N.	M	1927	Statistician	Hindi, English
UNNI, K. R.	M	1939	Computer programmer	Malayalam, English, Hindi
NATRAJAN, K. S.	M	1939	Demographer	Tamil, English, Hindi
DASS, T.	M	1928	Demographer	Punjabi, Hindi, English, Urdu, Sanskrit
DUA, M. M.	M	...	Demographer	Punjabi, English, Hindi
JAISWAL, S. S. S.	M	1928	Demographer	Punjabi, English, Urdu, Hindi, Persian
RASTOGI, K. K.	M	1934	Statistician	Hindi, English
GUPTA, S. R.	M	1931	Demographer	Hindi, English
BEHARI, Bishan	M	1926	Statistician	Hindi, English
AHUJA, M. K.	M	1931	Demographer	Sindhi, English, Hindi, Urdu
SAXENA, R. M. L.	M	1917	Demographer	Hindi, English, Urdu
GULYANI, H. R.	M	1940	Statistician	Hindi, English
RAO, M. P.	M	1939	Computer programmer	Telugu, English, Hindi
MARATHA, B. K.	M	1930	Computer programmer	Hindi, English
GUPTA, R. P.	M	1930	Computer programmer	Hindi, English, Urdu, Persian
GUPTA, SANKAR	M	1932	Computer programmer	Bengali, Assamese, English, Hindi
RAO, V. V.	M	1940	Computer programmer	Telugu, English, Hindi
TALWAR, R. N.	M	1931	Computer operator	Punjabi, English, Hindi, Urdu
HIMMAKAR	M	1946	Computer programmer	Telugu, Kannada, English
KINNI, M. G.	M	1929	Statistician/demographer	Konkani, Marathi, Kannada, Malayalam, Hindi, French, English
TRIPATHI, R. R.	M	1944	Geographer/demographer	Hindi, English
BANERJI, N. K.	M	1940	Anthropologist	Bengali, English
JADAV, G. C.	M	1930	Economist/demographer	Marathi, English, Gujarathi, Hindi
CHAND, MAHESH	M	1927	Economist	Hindi, English
BEDI, K. S.	M	1933	Demographer	Punjabi, English, Hindi
SINHA, S. K.	M	1948	Demographer	Hindi, English
SRIVASTAVA, S. C.	M	1928	Statistician	Hindi, English, Urdu
PARBHAKAR, K. K.	M	1925	Demographer	Punjabi, English, Hindi, Urdu
RAO, Y. S.	M	1929	Statistician	Hindi, English

SAHA, P. K.	M	1942	Demographer	Bengali, English, Hindi
KATHURIA, R. C.	M	1938	Demographer	Hindi, English
SINGH, M.	M	1945	Economist	Hindi, English
KRISHNAMURTHY, Y. G.	M	...	Demographer	Telugu, English
CHATURVEDI, U. S.	M	1934	Statistician	Hindi, English
BHATNAGAR, R. P.	M	1935	Statistician/demographer	Hindi, English
PANDE, P. C.	M	1931	Statistician/demographer	Hindi, English
KASHYAP, S. S.	M	1938	Statistician/demographer	Punjabi, Hindi, English
CHHEETARMAL	M	1937	Demographer	Hindi, English
SINGH, A.	M	1938	Demographer	Punjabi, English, Hindi, Urdu, Sanskrit
SAXENA, R. M.	M	1940	Demographer	Hindi, English, Urdu, Sanskrit
RASTOGI, V. P.	M	1938	Demographer	Hindi, Urdu, English
SINGH, M.	M	1928	Demographer	Punjabi, Urdu, Hindi, English
RAWAT, K. S.	M	1925	Statistician	Hindi, English
GUPTA, R. L.	M	1929	Statistician	Dogri, Hindi, English
PRAKASH, S.	M	1936	Computer operators	Hindi, English
SASTRY, V. V. S.	M	1938	Statistician	Telugu, Hindi, English
SHARMA, L. C.	M	1931	Statistician	Hindi, English
GUPTA, A. P.	M	1941	Computer operator	Hindi, English
SAXENA, S. C.	M	1942	Computer programmer	Hindi, English, Urdu
AHUJA, O. P.	M	1936	Computer programmer	Hindi, English, Urdu, Russian
GARG, S. R.	M	1936	Computer programmer	Hindi, English
BAWEJA, P. N.	M	1931	Computer programmer	Hindi, English, Urdu, Hindi, German
ROHATGI, K. B.	M	1934	Computer programmer	Hindi, English
BHATNAGAR, N. S.	M	1937	Statistician	Hindi, English, Urdu
TOMAR, R. P.	M	1938	Demographer	Hindi, English
BISWAS, A. K.	M	1940	Demographer	Bengali, English
RAO, V. M.	M	1938	Demographer	Telugu, English, Hindi
SAXENA, R. K.	M	1933	Demographer	Urdu, English, Hindi
SHARMA, K. K.	M	1932	Demographer	Hindi, English, Urdu, Punjabi, Persian
GROVER, S. P.	M	1938	Statistician	Punjabi, English, Hindi, Urdu
MAHESH, D. N.	M	1941	Statistician	Hindi, English, Punjabi, Urdu
ALVI, N. M.	M	1943	Demographer	Urdu, English, Hindi
MALHOTRA, R.	F	1940	Demographer	Hindi, English, Punjabi
BHATIA, R. K.	M	1937	Demographer	Hindi, English, Urdu, Punjabi
SINGH, P.	M	1946	Demographer	Hindi, English, Sanskrit
BAHRI, S. S.	M	1931	Demographer	Hindi, English, Urdu
VERMA, B. S.	M	1936	Demographer	Hindi, English, Urdu, Punjabi
KHURANA, R. P.	M	1930	Demographer	Punjabi, English, Hindi, Urdu
BHAGMAL,	M	1935	Demographer	Hindi, English
SHARMA, O. P.	M	1932	Demographer	Hindi, English, Urdu, Punjabi
TYAGI, S. D.	M	1937	Geographer	Hindi, English, Sanskrit, Russian
RAM, M.	M	1945	Geographer	Hindi, English, Sanskrit
SENGUPTA, N. C.	M	1936	Geographer	Bengali, English, Hindi
SINGH, R. K.	M	1945	Demographer	Hindi, English
GOSWAMI, D. B.	M	1938	Geographer	Hindi, English, Urdu
PANDE, A. K.	M	1948	Cartographer	Hindi, English, Sanskrit
MISRA, R. P.	M	1947	Cartographer	Hindi, English, Sanskrit
KAPOOR, V. C.	M	1928	Artist	Punjabi, English, Urdu, Hindi
DESHPANDE, P. T.	M	1934	Artist	Marathi, English, Hindi
ANDLEY, B. N.	M	1929	Economist	Hindi, English, Urdu
GOVINDASWAMY, C.	M	1937	Demographer	Tamil, English
RASTOGI, J. S.	M	1939	Geographer	Hindi, English
RAMASWAMY, E.	M	1928	Anthropologist	Telugue, English
NAGAPPAN, M.	M	1939	Sociologist	Tamil, English

RAMAMOORTHY, A. S.	M	1939	Anthropologist	Tamil,	English,	Hindi
KOPPAD, K. B.	M	1938	Anthropologist	Kannada,	English,	Hindi
PAL, M. K.	M	1930	Art historian	Bengali,	English,	Hindi
DATTA, M. S.	M	1934	Anthropologist	Bengali,	English	
ITTAMAN, K. P.	M	1933	Anthropologist	Malayalam,	English,	Hindi
DASS, G.	M	1930	Economist	Punjabi,	English,	Urdu, Hindi
SRIVASTAVA, S. N.	M	1937	Anthropologist	Hindi,	English	
NAULA, R. P.	M	1937	Anthropologist	Punjabi,	English,	Hindi, Urdu
PRAKASAM, M. S.	M	1932	Anthropologist	Malayalam,	English,	Hindi
SABHARWAL, R.	F	1940	Anthropologist	Punjabi,	English,	Hindi
SAH, M. L.	M	1941	Anthropologist	Hindi,	English	

Research projects

Title Sample registration of births and deaths
Director Registrar General, India
Date of completion Continuous project
Aim To obtain quick and reliable rates of births and deaths at national as well as state level for rural and urban areas.

Area of research

Publications Vital statistics
 "Report on sample registration of births and deaths in India 1969-1970", (Registrar General, India), 1971, pp. 148, 800 copies, in English. This annual report gives the basic structure of the scheme and the field problems in the implementation of the scheme.

"Sample registration bulletin" (Registrar General, India), January and April 1975, 800 copies, in English. It is a quarterly publication aimed at disseminating information on the working of the Sample Registration Project and the vital rates based thereon. The quarterly bulletin was started in 1967.

"Infant mortality in India" (Registrar General, India), December 1971, pp. 34, 300 copies, in English with a summary in English. Estimates of infant mortality in India have been given for 1968-1969. It provides the estimates of different components of infant mortality.

"Sex composition in India" (Registrar General, India), mimeographed, December 1972, pp. 42, in English with a summary in English. The report discusses the sex ratio at birth and death. The unfavourable sex ratio in the population for females is attributed to the sex differential in mortality.

"Sampling variability of vital rates" (Registrar General, India), mimeographed, May 1972, pp. 30, 550 copies, in English with a summary in English. The report has shown that the sampling variability of vital rates are useful for planning of future surveys.

Title

Director

Date of completion

Aim

Area of research

Publication

Registration promotion

Registrar General

Continuous project

To bring about an improvement in the working of the Registration of Births and Deaths Act, 1969

Vital statistics

"Annual report of Registrar General, India on the working of Registration of Births and Deaths Act 1969 for 1972," (Registrar General, India), pp. 18, 300 copies, in English. This is the second report of the Registrar General, India and provides information on the working of the registration machinery, general

attitude of the public, problems in the effective implementation of the Act, steps taken and progress made towards the general improvement of the registration system during 1972. The first report was for the years 1970-71.

Title Director Date of completion Aim Area of research Publication	Model registration Registrar General, India Continuous project To provide information on causes of death in rural areas collected through para-medical personnel Causes of death "Causes of death 1971 — a survey," (Registrar General, India), Vol. 6, pp. 154, 500 copies, in English with a summary in English. This is the fifth annual report on the working of the model registration survey of causes of death and bring out the salient features of the cause-specific mortality pattern for the various states and for the country as a whole. The previous reports were brought out for the years 1966-67, 1968, 1969 and 1970. "Paper 2, of 1974 age and life tables (one per cent sample)" (RAGHAVACHARY, S. and NATRAJAN, K. S.), 1974, pp. 16, 450 copies, in English with a summary in English. Gives adjusted population for single year ages and life table functions and methodology for male and female separately at the all-India level. "Paper 1, of 1974 report on re-survey on economic questions" (CHARI, R. B.), 1974, mimeograph, pp. 79, 400 copies, in English with a summary in English. Composition of economic characteristics of 1961 and 1971 census. "Population of India 1974, World Population Year Country Monograph" (CHARI, R. B.) pp. 140
--	---

Title Director Date of completion Aim Area of research Publications	Ethno-demographic studies on individual scheduled castes and scheduled tribes and also scheduled castes scheduled tribes as a whole and separately. ROY BURMAN, B. K. Continuing project To devise refined tools for population projections and ascertain demographic trends of the community and population in question Demographic characteristics of the community and population covered in a chapter "A note on the socio-medical survey among the totals" (ROY BURMAN, B. K.), Bulletin of the Cultural Research Institute West Bengal (Calcutta), Vol. 3, Nos 3 & 4, 1964. "Demographic dimensions of youth problems" in (GANGRADE, K. D. ed.), Inter-generational conflict, 1969. "Ecological implication of growth of rural and urban population," paper presented at Seminar on Ecological Implication of Rural and Urban Population Growth, ECAFE, Bangkok, August 1971. "Social aspects of family planning" (JAGANNADHAN), Family Planning Policy and Administration, 1972. "Tribal demography in India" (SINGH, K. S.), Tribal Situation in India, Transaction of the Institute of Advanced Study, Simla, Vol. 13, 1972.
---	---

"Demographic and socio-economic profiles of the hill areas of North East India, Census of India, 1961", Vol. 1, 1973.

"An evaluation of demographic data on Taiwan (China)" (JADHAV, C.G.), paper submitted to Demographic Training & Research Centre, Bombay, 1969.

"Evaluation of Indian census data 1901 - 1961 and life table construction 1951 - 60" Seminar paper submitted to Demographic Training and Research Centre, Bombay, 1969.

Title Intensive survey of 225 towns and resurvey of 77 villages
Director ROY BURMAN, B. K.
Date of completion 1978
Aim To arrive at devising refined tools for population projection
Area of research Social demography and micro-demography as parts of the study
Publication "A survey of research in sociology and social anthropology" (ROY BURMAN, B. K.), Vol. I, Indian Council of Social Sciences Research, New Delhi.

Title Population projections
Director RAGHAVACHARY, S.
Date of completion December 1976
Aim To project the future population for planning purposes
Publication "Revised population projections" (RAGHAVACHARY, S.), pp. 160, 500 copies, in English with a summary in English.

Title 1971 census atlas
Director ROY BURMAN, B. K.
Date of completion 1976
Area of research Evaluation of demographic data in relation to ecological and physical settings.

Title Fertility survey
Director CHARI, R.B.
Date of completion December 1975
Aim To study the present and past fertility pattern and socio-economic differential in fertility on the basis of data collected through Sample Registration Scheme
Area of research Fertility

Title Census evaluation study with the help of SRS data
Director RAGHAVACHARY, S.
Date of completion December 1975
Aim To evaluate the accuracy as well as omission of census age data for the infantile ages.

Title Post enumeration check
Director RAGHAVACHARY, S.
Date of completion 1975
Aim The objectives of the Post-Enumeration check were: a) measurement of error in the census count called "coverage error" and b) measurement of error in responses called "content error".
Publication "Preliminary results of post-enumeration check" (RAGHAVACHARY, S.), pp. 15, 400 copies, in English with a summary in English.

Title A study in demographic features of tribes of Mysore State Vanyajati (Delhi)
Director KOPPAD, K.B.

Title	Census Atlas of India 1961
Director	SENGUPTA, P.
Date of completion	1970
Aim	Depiction of some important demographic aspects and other socio-economic data to study and evaluate demographic pattern
Area of research	Evaluation of census data on physio-geographic lines
Publication	"Economic regionalisation, problems and approaches" (SENGUPTA, P. and SDASYAK, G.), Publication Civil Lines, Delhi, monographed, pp. 234, 2000 copies, in English.
	"Census centenary atlas" (ROY BURMAN, B.K.), 1975, pp. 197, 1500 copies, in English.
Title	Analysis of "F" series table relating to currently married women and the related births during the last year as collected in the 1971 Census
Director	NATRAJAN, K.S.
Aim	To prepare a monograph on fertility level of India.

RESEARCH INSTITUTION

India 26. D^o
(added 1975)

Name Operations Research Group
Address Baroda 390 007, India
Person in charge SARMA, D. V. N.
Official title Director
First year of research 1968

Professional staff

SARMA, D. V. N.	1928	Statistician/demographer	Telugu,	English,	Hindi
BHAVSAR, R. C.	1929	Statistician/demographer	Gujarati,	English,	Hindi
GHOSH, B.	1943	Statistician/demographer	Bengali,	English,	Hindi
KHAN, M. E.	1945	Demographer	Urdu,	English,	Hindi
KHATU, K. K.	1936	Human ecologist	Marathi,	English,	Hindi, Polish
BASU, D. N.	1941	Economic-demographer	Bengali,	English	
BANERJI, S. N.	1934	Social-scientist	Bengali,	English,	Hindi, Gujarati

Research projects

Title Population: India 2000 AD
Director SARMA, D. V. N.
Date of completion January 1975
Aim Project on population as part of a study on a long-range perspective for India
Area of research India
Publications "Population projections for India 1971-2000 AD" (SARMA, D. V. N.), January 1975, mimeographed, pp. 80, 100 copies. Presents projections of population by age and sex based on alternative assumptions on fertility and mortality trends after making due adjustment for population missed by the Censuses.

"Demand for and supply of labour" (SARMA, D. V. N. and BASU, D. N.), January 1975, mimeographed, pp. 50, 100 copies, in English. Presents an analysis of the labour situation especially to estimate the possible gaps in labour supply and demand under alternative scenarios of economic and population growth.

Title Mass vasectomy campaign approach in Gujarat: an evaluation
Director GHOSH, B.
Date of completion October 1974
Aim Evaluation of mass vasectomy campaign approach and its impact
Area of research Gujarat
Publications "First phase report," Operations Research Group, May 1973, pp. 40, in English. An attempt has been made to study and evaluate the workers' performance, the programmatic variables and environmental factors, the role of local leadership and the interaction of programme efforts with the incentive scheme.

"An analysis of the differential rates of vasectomy programme achievements in various primary health centres", Operations Research Group, September 1973, mimeographed, pp. 27, 50 copies, in English. This paper presents an analysis of the differential rates of vasectomy programme achievements in various primary health centres during the Mass Vasectomy Campaigns in Gujarat State in 1971-72 and 1972-73 and demonstrates that by special programmes it is possible to induce couples to adopt family planning despite the fact that they are rural, illiterate and poor.

"An evaluation of the mass vasectomy campaign approach through a study of the acceptors," Operations Research Group, mimeographed, pp 48, 50 copies, in English. This report presents an assessment of the mass campaign approach through analysis of the characteristics of acceptors, care of the acceptors in and out of the clinic, motivation, impact on birth rate etc.

"Issues in the mass vasectomy camp approach: the Gujarat experience," Operations Research Group, 95 copies, in English. This publication presents a collection of technical papers analysing a number of relevant issues connected with the Gujarat mass vasectomy campaigns

"Mass vasectomy camp approach in Gujarat" (GHOSH, B.), October 1975, 51 copies, in English. This report provides a summation of the campaign strategy, evaluates the contribution of the campaign approach in raising the level of practice of family planning, raises and discusses important issues pertinent to campaign strategy, compares survey findings with experiences elsewhere as far as practicable and indicates a strategy for the future.

Title
Director
Date of completion
Aim
Area of research
Publications

Survey of family planning practices in India
SARMA, D. V. N. and BHAVSAR, R. C.
October 1973

Assessment of knowledge attitude and practice of family planning and their correlates. India including Jammu and Kashmir and off shore islands

"Family planning survey (summary tables)," Operations Research Group, August 1971, mimeographed, pp. 25, 50 copies, in English. Presents indices of reliability of survey results, usership by methods, by socio-economic characteristics etc., and a special analysis for condom.

"An analysis of family planning practices in India — the first all-India survey report," Operations Research Group, May 1972, mimeographed, pp. 170, in English. Presents extensive analysis on a comprehensive number of dimensions. A wide range of inter-related factors are simultaneously studied.

"Family planning practices in India — the first all-India survey report," Operations Research Group, August 1973, book pp. 186, 1000 copies. The report presents comprehensive analysis of the effects of socio-economic and demographic characteristics, exposure to mass media etc., approval and practice of family planning.

Title
Director
Date of completion
Aim
Area of research
Publication

Slums in seven cities of Gujarat
KHATU, K. K.
July 1973

Estimation of the socio-demographic and economic characteristics of the slum population and assessment of the environmental problems due to slum formation Gujarat

"Slums in seven cities of Gujarat" (KHATU, K. K.), January 1974, pp. 200, 4 copies, in English. Presents a consolidated picture of the gravity of the slum problem in Gujarat through an analysis of the socio-demographic and economic characteristics of the inhabitants and the associated environmental problems and recommends a strategy for solution of the slum problem.

Title	Survey of pattern of unemployment
Director	SARMA, D. V. N.
Date of completion	January 1972
Aim	To estimate incidence of unemployment in India and study the pattern of unemployment
Area of research	India
Publication	"Pattern of unemployment survey findings," Operations Research Group, January 1972, mimeographed, pp. 66, 50 copies, in English. Presents employment status by age, sex, family income and educational level.

Title	Andhra Pradesh Nirodh fortnight follow-up survey
Director	BHAVSAR, R. C. and RAO, N. B.
Date of completion	October 1971
Aim	Evaluation of the potential of fortnight approach in creating awareness and knowledge about Nirodh among the eligible couples in the state.
Area of research	Andhra Pradesh
Publication	"Andhra Pradesh Nirodh fortnight follow-up survey," Operations Research Group, pp. 56, 5 copies, in English. Presents an evaluation of the fortnight approach through an analysis of knowledge gain, related characteristics and survey of opinion leaders.

RESEARCH AND TEACHING INSTITUTION

India 28
(revised 1975)

The following supersedes the information published earlier:

Name	Punjab University, Department of Geography			
Address	Chandigarh-14, India			
Person in charge	GOSAL, Gurdev Singh			
Official title	Professor and Head of the Department			
First year of research	1956			
First year of teaching	1965			
Professional staff				
GOSAL, Gurdev Singh	M 1927	Geographer	Population geography	Punjabi, Hindi, English, French, German, Urdu
KRISHAN, Gopal	M 1940	Geographer	Population geography	Hindi, Punjabi, English
CHANDRA, Romesh Chander	M 1940	Geographer	Population geography	Hindi, Punjabi, English
Research projects				
Title	Patterns of Internal Migration in India			
Director	GOSAL, Gurdev Singh			
Date of completion	July 1972			
Aim	(i) To determine the trend in the magnitude of internal migration in India, (ii) To identify areas of in-migration and out-migration, (iii) To analyse factors associated with in-or out-migration			
Area of research	Population geography			
Publication	"Patterns of internal migration in India" (GOSAL and KRISHNAN), in People on the Move (PROTHERO and KOSINSKI, ed.), Methuen & Co. Ltd. London, 1974, in English. The paper focuses on the threefold enquiry of (i) magnitude of internal migration in India, (ii) patterns of rural-rural, rural-urban, urban-urban, and urban-rural migration and (iii) areas of in-migration, out-migration, and little/balanced in- and out-migration. "Population growth in India, 1961-71: a spatial perspective" (GOSAL), Asian Profile, April 1974, pp. 193-212, in English. With a continuing decline in the death rate but not the birth rate, population growth in India experienced further acceleration, giving rise to a 24.8 per cent increase during 1961-1971. Because of the heavy population base, the absolute increase in numbers (109 million) was staggering. If this trend continues, it will neutralize much of the gains of economic development. Within the country, there are significant areal disparities in population growth. Many of the densely populated tracts, with predominantly subsistence farm economy, abundant landless labour, lack of industrialization and continuing out-migration, have emerged as areas of slow growth of population. It appears as though, under the existing economy, technology and levels of living, they have approached some kind of a saturation level. By contrast, rapid growth of population is characteristic of areas that are thinly or only moderately populated and where considerable in-migration has been taking place in response to industrial, mining or agricultural developmental activities.			

Title	Population geography of the scheduled castes of India
Director	GOSAL, Gurdev Singh
Date of completion	December 1975
Aim	To make a spatial analysis of the characteristics of the scheduled caste population in India.
Area of research	Population geography
Publication	"Distribution and relative concentration of scheduled caste population in India" (GOSAL and MUKERJI), in "Economic and Socio-Cultural Dimensions of Regionalization - An Indo-USSR Collaborative Study", Census of India, 1971 Census Centenary Monograph No. 7, 1972, pp. 473-83, in English. The discussion brings out strong correspondence between the scheduled castes and the general population in their distributional aspects. Another conclusion that emerges is the complementarity in the patterns of distribution of the scheduled caste persons on the one hand and the scheduled tribes/Christians on the other. The traditional activities associated with these castes may be traced back to their connection with the cattle which were so basic in the primitive subsistence, agricultural economy of India. With the development of manufacturing industries based on leather and cotton in modern India, many of these castes have left their traditional jobs, at least partially, and found employment in agriculture. Although 94 per cent of the scheduled caste people live in the countryside, urbanization and industrialization have induced their movement from their rural hearths, particularly in areas where industries which can make use of their traditional skills have developed.
Curricula	
Language	English
Entrance requirement	B.A.
Diploma	M.A.
Course	POPULATION GEOGRAPHY, 128 h (academic-year course): 1. The substance and limits of Population Geography; historical development of Population Geography as a field of specialization; 2. Sources of population data; problems of mapping population data; 3. Spatial analysis of the following attributes of the world's population: (a) Numbers, distribution and density; (b) Vital rates: birth and death rates; (c) Migration: internal and international; (d) Growth; (e) Sex and age composition; (f) Literacy; (g) Residence (rural and urban); (h) Occupational structure; 4. The balance of people and resources; population-resource regions; 5. Population problems and policies of India, Japan, China, USSR; USA, Brazil and Ghana.

TEACHING INSTITUTION

India 29
(revised 1975)

The following supersedes information published earlier:

Name Patna University, Department of Sociology
Address Patna-5, Bihar, India
Person in charge AHMAD, Z.
Official title Head
First year of teaching 1967

Professional staff

AHMAD, Z.	M	1932	Sociologist	Demography	Urdu, Hindi, English
SINHA, P.	F	...	Sociologist	Demography	Bengali, Hindi, English
HUSAIN, M.	...	...	Sociologist	Demography	Hindi, English

Curricula

Language English
Entrance requirement B.A.
Diploma M.A.

Courses Add

DEMOGRAPHY: 1. Population theory, 5 h; 2. Indian population, 4 h; 3. World population, 3 h; 4. Population and social change, 5 h; 5. Population control measures, 3 h; 6. Population problems 3 h; 7. Demography as a science, 3 h; 8. Vital processes, 5 h; 9. Miscellaneous, 15 h.

TEACHING INSTITUTION

India 30
(revised 1975)

Name Patna University, Department of Statistics
Address Patna-5, Bihar, India
Person in charge LAL, D.N.
Official title University Professor and Head of the Department
First year of teaching 1950

Professional staff

LAL, D.N.	M	1914	Statistician	Hindi, English, Urdu
PRASAD, R.N.	M	1937	Statistician	Hindi, English

Curricula

Entrance

requirement

Diploma

Course - 1/

B.A. and B.Sc. with mathematics

M.A. and M.Sc. in statistics

APPLIED STATISTICS DEMOGRAPHY (compulsory), 30 h: 1. Population statistics sources evaluation, 8 h; 2. Fertility, 5 h; 3. Mortality, 5 h; 4. Population projection, 5 h; 5. Miscellaneous, 7 h.

DEMOGRAPHY (special), 85 h: 1. Population statistics, sources evaluation, 10 h; 2. Population theory, 10 h; 3. Nuptiality, 5 h; 4. Fertility, 15 h; 5. Mortality, 10 h; 6. Migration, 10 h; 6. Population projection, 10 h; 7. Stable population theory, 15 h.

Note

1/ Certain courses have additional laboratory and field work.

RESEARCH INSTITUTION

India 32
(revised 1975)

Name	Planning Research and Action Division (PRAD) of the State Planning Institute, U.P. ^{1/}
Address	Kalakankar House, New Hyderabad, Lucknow, U.P., India
Person in charge	SAKSENA, P.C.
Official title	Director
Professional staff	
TRIVEDI, R.P.	M 1942 Sociologist n.a. Hindi, English

Note

- ^{1/} The Family Planning Research Project has been closed down; the experiences of the Project are being documented by a skeleton staff under the supervision of B.C. Asthana, Rural Life Analyst, and H. P. Banerji, Senior Associate (Rural Health).

RESEARCH AND TEACHING INSTITUTION

India 33
(revised 1975)

Name Ravishankar University, C. M. Dubey Post Graduate College
Address Bilaspur, M.P., India
Person in charge SHUKLA, D.P.
Official title Principal
First year of teaching 1970

Professional staff

SRIVASTAVA, S. C.	M	1939	Economist	Demography, theory and practice	Hindi, English, Sanskrit, Bengali
TAMASKAR, V.	F	1948	...	Economics	English, Hindi, Marathi
DUBEY, J.P.	M	1950	...	Economics	English, Hindi

Research project

Title Socio-economic study of Bilha (Deccan)
Director SRIVASTAVA, S.C.
Date of completion December 1974
Aim To study the social, economic and demographic conditions
Area of research Rural population of Bilha

Curricula

Language English and Hindi
Entrance requirement B.A., B.Sc., B. Com., B.E., etc.
Diploma M.A.
Course No change

RESEARCH INSTITUTION

India 34. B*
(added 1975)

Name	State Family Planning Bureau, Demographic and Evaluation Cell, Directorate of Public Health and Family Planning, Bhopal, Madhya Pradesh				
Address	Old Secretariat, E Block, Bhopal, Madhya Pradesh, India				
Person in charge	JAISWAL, H. K.				
Official title	Statistician				
First year of research	1969				
Professional staff					
JAISWAL, H. K.	M	1937	Statistician	Hindi,	English
VIJAYVERGIY, S. N.	M	1941	Statistical assistant	Hindi,	English
Research projects					
Title	Study of Nirodh users				
Director	Director of Public Health and Family Planning, Madhya Pradesh				
Date of completion	September 1975				
Aim	To study the distribution system of Nirodh in rural areas, the reaction of users, reasons for non-acceptance and dropouts				
Area of research	Four districts of Madhya Pradesh				
Title	K.A.P. in Madhya Pradesh				
Director	Director of Public Health and Family Planning, Madhya Pradesh				
Date of completion	September 1975				
Aim	To assess the extent of knowledge, attitude and practice of different communities				
Area of research	Six districts in Madhya Pradesh				
Title	Socio-economic study of acceptors of sterilisations and IUD in Madhya Pradesh				
Director	Director of Public Health and Family Planning, Madhya Pradesh				
Date of completion	August 1975				
Aim	To analyse the socio-economic characteristics of the acceptors of sterilisation and IUD in Madhya Pradesh				
Area of research	Madhya Pradesh				
Title	Evaluation of mass vasectomy camps in Madhya Pradesh, 1972-1973				
Director	Director of Public Health and Family Planning, Madhya Pradesh				
Date of completion	August 1973				
Aim	To analyse characteristics of acceptors, their attitude by age, religion, profession, living children, etc.				
Area of research	Madhya Pradesh				
Publication	"Evaluation report on mass vasectomy camp in Madhya Pradesh" (JAISWAL, H. K.), mimeograph, in English.				

RESEARCH INSTITUTION

India 34. C*
(added 1975)

Name State Family Planning Bureau
Address B-753, Java Bhavan, Mahanagar, Lucknow, Uttar Pradesh
Person in charge CHATURVEDI, L. N.
Official title Demographer
First year of research 1969

Professional staff

CHATURVEDI, L. N.	M		Demographer	Hindi,	English	
KANDPAL, K. C.	M	1942	Statistical assistant	Hindi,	English	
SINGH, J.	M	1950	Statistical assistant	Hindi,	English	
HAQ, N. T.	M	1948	Statistical assistant	Urdu,	Hindi,	English
PRAKASH, R.	M	1949	Statistical assistant	Hindi,	English	
SRIVASTAVA, P. N.	M	1950	Statistical assistant	Hindi,	English	
SHARMA, O. P.	M	1947	Statistical assistant	Hindi,	English	
SINGH, S. P.	M	1944	Statistical assistant	Hindi,	English	
AGARWAL, V. K.	M	1949	Statistical assistant	Hindi,	English	

Publications

"Characteristics of vasectomy and IUD acceptors of September - October 1971 camp of Sultanpur and Varanasi district", December 1972, pp. 6, Final report, 4 copies, in Hindi.

"Acceptor of oral pills in Uttar Pradesh up to March 1972", December 1972, pp. 10, Final report, 4 copies, in English.

RESEARCH INSTITUTION

India 34. D°
(added 1975)

Name	State Family Planning Bureau, Demographic and Evaluation Cell, <u>a/</u> Directorate of			
Address	Health Services, Trivandrum, Kerala			
Person in charge	Trivandrum, Kerala, India			
Official title	Ayyar, S. S.			
First year of research	Demographer			
Professional staff	1971			
Ayyar, S. S.	M	1930	Demographer	Tamil, Malayalam, English

Note

a/ No research work was undertaken

TEACHING INSTITUTE

India 38
(revised 1975)

The following supersedes the information published earlier:

Name	Maharaja Sayajirao University of Baroda, Faculty of Arts, Department of Economics
Address	Baroda, India
Person in charge	KOTHARI, V. N.
Official title	Head, Department of Economics and Professor of Economics
First year of teaching	1961
Professional staff	Unchanged
Curricula	Unchanged

RESEARCH AND TEACHING INSTITUTION

India 43 a *
(added 1975)

Name University of Mysore, Institute of Development Studies
Address Manasa Gangotri, Mysore - 570006, India
Person in charge MISRA, R. P.
Official title Director

Professional staff

MISRA, R. P.	M	1930	Regional planner	Hindi
MISRA, P. K.	M		Sociologist	Hindi
NATRAJ, V. K.	M		Economist	Kannada
MAHADEV, P. D.	M		Urban geographer	Marathi
VERMA B.	F		Economist	Kannada
TAMM, Gordon	M		Sociologist	Swedish

Research project

Title Socio-economic implications of population change in Karnataka - 1961-71
Director MASOOD, M. S.
Date of completion December 1974
Aim To analyse the impact of population growth on the socio-economic structure of the society, with special emphasis laid on those below the poverty line

Area of research Karnataka State
Title Medical geography of India
Director MISRA, R. P.
Date of completion 1970
Aim To study the distribution, the possible environmental causes and the spread of diseases

Area of research India
Publication Medical geography of India (MISRA, R. P.), 1970, pp. 205, book, in English

Title Adoption of family planning methods and techniques in rural Karnataka
Director VASANTHA KUMARAN, T.
Date of completion December 1975
Aim To identify the barriers in the adoption of family planning methods and to suggest policy measures to accelerate adoption
Area of research Karnataka State

Curricula

Language English
Entrance requirement Bachelor's degree with three years' experience of work, or post-graduate degree or diploma
Diploma Courses Diploma in Demography and Population Planning (D.P.P.)
PRINCIPLES, 4 h. per week;
POPULATION GROWTH, 4 h. per week;
POPULATION COMPOSITION, 4 h. per week;
FERTILITY, 4 h. per week;
MORTALITY, 4 h. per week;
DISTRIBUTION, 4 h. per week;
MIGRATION, 4 h. per week;
PLANNING, 4 h. per week;

RESEARCH AND TEACHING INSTITUTION

India 47
(revised 1975)

Name Utkal University, Department of Rural Economics, Sociology and Applied Economics

Address Vani-Vihar, Bhubaneswar-4, Orissa, India

Person in charge MISRA, Bidyadhar

Official title Professor of Rural Economics

First year of research 1966

First year of teaching 1969

Professional staff Unchanged.

Research project

Title Family planning communication research project

Director BEBARTA, Prafulla C.

Date of completion Completed

Aim To locate the agencies through which the family-planning idea is communicated

Publication Several papers have been published.

Title Family planning communication research project

Director MISRA, Bidyadhar

Date of completion February 1974

Curricula Unchanged.

RESEARCH INSTITUTION

Iran 1.A*
(added 1975)

Name Pahlavi University, Pahlavi Population Center
Address Shiraz, Iran
Person in charge MEHRYAR, A. H.
Official title Director
First year of research 1972

Professional staff

BEHBOODIAN, J.	M	1932	Mathematician	Mathematics and statistics	Persian, English
EFTEKHARI, A.	M	1930		Family planning	Persian, English
HEMMASI, M.	M	1936	Sociologist	National Development and Sociology	Persian, English
MEHRYAR, A. H.	M	1936	Psychologist	Psychology	Persian, English
SADEGHI, Mirmohammad	M	1942	Economist	Agriculture economics	Persian, English
NEHAPETIAN, A.	M	1944	Nutritionist	Food sciences	Persian, English
PIROOZ, K.	M	1943	Economist	Economics	Persian, English
RONAGHY, H.	M	1932	Physician	Community Medicine	Persian, English
SAJJADI, H.	M	1931	Gynaecologist	Gynaecology	Persian, English

Research project

Title Employment and fertility: a study of working women in Fars province
Director MEHRYAR, A.H.
Date of completion November 1974
Area of research Southern Fars province, Iran

Title An evaluative study of family planning communication and extension programmes in Fars province
Director MEHRYAR, A.H.
Date of completion February 1975
Area of research Southern Fars province, Iran

Title Interrelations between migration, urbanization and fertility in Fars province
Director HEMMASI, M.
Date of completion February 1975
Area of research Fars province, Iran

Title A study of health, fertility, and population change in a sample of villages in Mamasani
Director MEHRYAR, A.H.
Date of completion November 1974
Area of research Fars province, Iran
Publication A monograph is in preparation

Title A follow-up study aimed at elucidating patterns of continuation and drop-out and social and personal characteristics associated with each pattern
Director MEHRYAR, A.H.
Date of completion February 1975
Area of research Fars province, Iran

RESEARCH INSTITUTION

Iran 2
(revised 1975)

Name Statistical Center of Iran, Population Division
Address Iran Novin Avenue, Tehran, Iran
Person in charge MAROUFI-BOZORGI, Nasser
Official title Director
First year of research 1965

Professional staff

MAROUFI-BOZORGI, Nasser	M	1938	Demographer	n.a.	Persian, English
TAMRAZIAN, Seza	F	1930	Demographer	n.a.	Armenian, English, French, Persian
MOMTAHANI, Delafrouz	F	1936	Sociologist	n.a.	Persian, English
MOINI, Reza	M	1943	Sociologist	n.a.	Persian, English, French
SADAT-DARBANDI, Sholghasem	M	1940	Sociologist	n.a.	Persian, English
ZONOOZI, H.	M	1937		n.a.	Persian, English

Research projects

Title Demographic sample survey
Director MAROUFI-BOZORGI, Nasser
Date of completion March 1971
Aim To estimate population growth and socio-economic characteristics of population
Area of research Iran

Title Population growth survey
Director MAROUFI-BOZORGI, Nasser
Date of completion 1976
Aim Estimation of fertility, mortality and migration
Area of research Iran

RESEARCH AND TEACHING INSTITUTION

Iran 3
(revised 1975)

Name	University of Isfahan, Faculty of Letters, Department of Sociology
Address	Isfahan, Iran
Person in charge	VADIY, Jamal
Official title	Assistant Professor
First year of research	1970
First year of teaching	1968

Research project	
Title	Comparative population of the world
Director	VADIY, Jamal
Date of completion	1974
Aim	For World Population Year

Curricula	
Language	Persian, French
Course	GENERAL POPULATION FERTILITY LITERACY POPULATION AND FAMILY PLANNING

RESEARCH AND TEACHING INSTITUTION

Iran 6
(revised 1975)

Name University of Tehran, School of Public Health and Institute of Public Health Research
Address P.O. Box 1310, Tehran, Iran
Person in charge NADIM, A.
Official title Dean of the School and Director of the Institute
First year of research 1964
First year of teaching 1966

Professional staff

JALALI, G.H.	M 1920 M.D., M.S.P.H.	Human ecology and population dynamics	Persian, English, French
MOFIDI, C.	M 1921 M.D., M.P.H.	Human ecology, public health	Persian, English, French, German
KEYVAN, E.	M 1943 M.D., M.B.H.	Population education	Persian, English
AZARI, S.	F 1938 Obstetrician	Physiology, human reproduction	Persian, English
FARHOUDI, D.	M 1938 M.D.	Population genetics	Persian, English, German
NAVIDI-KASMAI, B.	F 1934 MCH, M.D., M.P.H.	MCH	Persian, English
MAJD, A.	F 1932 MCH, M.D., M.P.H.	Family planning education	Persian, English
MOHSENI, M.	M 1942 Sociologist	Sociology and demography	Persian, French, English
NEHAPETIAN, V.	M 1919 M.P.H.	Statistics and research methods	Persian, English
AMANI, M.	M 1930 Demographer	Demography	Persian, English, French
NADIM, A.	M 1928 M.D., M.P.H.	Epidemiology of population	Persian, English, French
POUR ANSARI, Z.	F 1944 M.D., M.P.H.	Population education	Persian, English, French

Research projects

Title Effect of socio-economic changes on fertility
Director PAYMAN, H.
Date of completion 1973
Aim To study the effect of socio-economic changes on fertility
Area of research Kazeroon
Publication "A preliminary report of socio-economic changes on fertility in the rural area of Kazeroon district" (EFTEKHAR, H., JALALI, G.H., and PEYMAN, A.), No. 1894, July 1974, monograph, 500 copies, in Persian. The aims of the study are: (i) to examine the birth, death, and fertility rate of the area; (ii) to investigate the probable changes which have occurred in these factors during the two studies (the first study was conducted by the Institute of Social Studies and Research and School of Public Health Research in 1963); (iii) to study the effect of socio-economic changes on fertility.

Title KAP studies among school teachers
Director JALALI, G.H.
Date of completion May 1973
Aim To study KAP among school teachers
Area of research Gilan province
Publication "A KAP study among the school teachers (in Gilan province): Report No. 3, (MOHSENI, M. and KAYVAN, E.), School of Public Health, Tehran University,

No. 1911, June 1974, monograph, pp. 73, 500 copies, in Persian. To study KAP among school teachers in Gilan province, a sample of 937 teachers (primary and secondary school teachers) was selected. The result indicates that the teachers were not aware of the demographic situation of the country, but they were aware of the family planning programmes and the available contraceptive methods. The tables included give data on different aspects of the study. The questionees believe that abortion should be practised under certain conditions.

Title	KAP studies among school teachers
Director	JALALI, G.H.
Date of completion	May 1974
Aim	To study KAP among school teachers
Area of research	Mazandaran province
Publication	"KAP study among the school teachers (in Mazandaran province): Report No. 2; (KAYVAN, E., MOHSENI, M. and JALALI, G.H.), School of Public Health, Tehran University, No. 1906, April 1974, monograph, pp. 65, 500 copies, in Persian. To study KAP among school teachers in Mazandaran province, a sample of 1108 teachers (primary and secondary school teachers) was selected. The result indicates that the teachers were not aware of the demographic situation of the country, but they were aware of the family planning programmes and the available contraception methods. The tables included give data on different aspects of the study. The questionees have a favourable attitude towards abortion on demand.
Title	Effect of socio-economic changes in four rural areas of Iran
Director	JALALI, G.H.
Date of completion	September 1973
Aim	To study the effect of socio-economic conditions on fertility
Area of research	Fars, Mazandaran, East Azarbijan and Khorassan provinces
Title	Demographic survey
Director	MOHTADI, M.
Date of completion	1971
Aim	To study fertility and mortality
Area of research	Roodsar in Gilan province
Title	Demographic survey
Director	MOHTADI, M.
Date of completion	September 1973
Aim	To survey health conditions and their relation to the demographic characteristics
Area of research	Ghashghai Nomads in Fars province
Title	Demographic survey
Director	ASGARI, M.
Date of completion	November 1974
Aim	To study health conditions and their relation to demographic characteristics
Area of research	Esfahan province
Title	Demographic survey
Director	FARAHMANDIAN, A.
Date of completion	November 1974
Aim	To study health conditions and their relation to demographic characteristics
Area of research	Khozestan province

Title Demographic survey
Director HEDAYAT, S.
Date of completion April 1975
Aim To study health conditions and their relation to demographic characteristics
Area of research Bandar Abbas

Title Demographic survey
Director MOHSENI, M.
Date of completion Late 1975
Aim To study medical and health care concepts among rural areas of Iran
Area of research Rural communities of Iran

Title Menstrual regulation
Director SORODI-MOGHADAM, S.
Date of completion October 1974
Aim To study menstrual regulation
Area of research Tehran

Title Suction abortion complications
Director SORODI-MOGHADAM, S.
Date of completion October 1974
Aim To study complications associated with suction abortion with plastic cannula and metal cannula
Area of research Tehran

Page 193 of the 1st edition

Title Birth control hormones and their relation to haemoglobin and iron capacity
Add:
Publication "Examination of some haematologic and biochemical indices in women taking hormonal contraceptives or using intra-uterine devices" (MAJD, A., JALALI, G.H. and MONTAZAMI, K.), Iranian Journal of Public Health, vol. 2, No. 1, 1973, pp. 6-13, in English.

Title Study of the dynamics of interrelationships between socio-economic status and fertility and follow-up of women's fertility
Add:
Publication "A study of relationships between fertility and socio-economic status of women in five villages in Fars" (PAYMAN, H. and EFTEKHAR, H.), Pahlavi Medical Journal, vol. 2, October 1972.

Page 193 of 1st edition

Title A KAP study among school teachers of Tehran
Add:
Publication "KAP study among the school teachers" (KEYVAN, E., MOHSENI, M. and JALALI, G.H.), IPHR Publication No. 1855, School of Public Health, Tehran University, 1972, pp. 43, in Persian with a summary in English.

Page 194 of 1st edition

Title Immediate post-partum insertion of the Magzlnur IUCD
Add:
Publication "Immediate post-partum contraception by means of the Majzlin IUD - a preliminary report" (JALALI, LESHGANI, M.), School of Public Health, Tehran University, 1971, in English.

Page 194 of the 1st edition

- Title** Acceptance of family planning and its relation to age, parity and income (1,500 cases)
- Add:**
- Publication** "A short term study of various methods of birth control and their relation to age, parity and income", (JALALI, G.H. and AZARI, S. and MAJD, A.), School of Public Health, Tehran University, 1969, in English.
- Title** Major religions and family planning
- Add:**
- Publication** "The major religions and family planning", (JALALI, G.H. and PAYMAN, H.), IPHR Publication No. 1758, School of Public Health, Tehran University, 1970, in Persian with a summary in English.

Page 195 of the 1st edition

- Title** An evaluation of the follow-up method in a family planning research programme
- Add:**
- Publication** "An evaluation of follow-up method in family planning research programme in Khaje-Nouri Clinic" (JALALI, G.H. AZARI, S. and MAJD, A.), Tehran, 1970, mimeograph, in English.

- Curricula**
- Language** Persian
- Entrance requirement** M.D., M. Social Science
- Diploma** M. P.H.

Courses 1/

I. Core subjects 2/

BIostatISTICS, 2 h per week lectures and 4 h per week laboratory.
PRINCIPLES OF EPIDEMIOLOGY, 2 h per week lectures and 1 h per week seminar.

EPIDEMIOLOGY AND PATHOBIOLOGY, 2 h per week lectures and 4 h per week laboratory.

PRINCIPLES OF P.H. ADMINISTRATION, 2 h per week lectures and 2 h per week seminar.

ENVIRONMENTAL HEALTH, 2 h per week lectures and 3 h per week visit.

HUMAN ECOLOGY: 1. Principles of P.H. Nutrition, 1 h per week lecture;
2. Sociology, 1 h per week lecture; 3. Demography, 1 h per week lecture.

II. Special subjects 3/

PHYSIOLOGY OF REPRODUCTION AND BIRTH CONTROL, 2 h per week lectures (and demonstration).

EPIDEMIOLOGY OF POPULATION AND COMMUNITY AND FAMILY PLANNING: 1. Evaluation of epidemiology from epidemics to population dynamics, 1 h per week lecture; 2. Social, psychological and economic consideration in population programme and family planning, 1 h per week lecture.

ANALYTICAL DEMOGRAPHY, 2 h per week lectures.

PERSONNEL TRAINING METHODS IN FAMILY PLANNING, 1 h per week lecture and 1 h per week practical.

EDUCATION, COMMUNICATION AND MOTIVATION, 1 h per week lecture and 2 h practical.

PROGRAMME DEVELOPMENT, ORGANIZATION AND ADMINISTRATION,
1 h per week lecture and discussion.
EVALUATION AND RESEARCH METHODS, 1 h per week lecture and 2 h per
week laboratory.

- III. Elective subjects 4/**
NUTRITIONAL DEFICIENCIES AND DISEASES, 1 h per week lecture.
PUBLIC HEALTH EDUCATION, 2 h per week lectures.
MENTAL HEALTH, 2 h per week lectures.
PRINCIPLES OF M.C.H., 2 h per week lectures.
HISTORY OF PUBLIC HEALTH AND MEDICINE, 1 h per week lecture.
HUMAN GENETICS, 1 h per week lecture.

Notes

- 1/ One academic year must be spent full-time in the school. Students must successfully complete a minimum total of 33 units of required and elective courses and three months' summer field work.
- 2/ Courses required for all candidates for the M.P.H. degree, including those majoring in Population Dynamics and Family Planning.
- 3/ Courses required for students majoring in Population Dynamics and Family Planning.
- 4/ Candidates for the M.P.H. degree who are majoring in Population Dynamics and Family Planning choose 4 units from among the following courses.

RESEARCH INSTITUTION

Iran 7*
(added 1975)

Name Ministry of Health, General Department of Population and Statistical Surveys 1/
Address Ministry of Health, Tehran, Iran
Person in charge MERAT, K.
Official title General Director

Professional staff

MERAT, K.	M 1929	Persian, French, English
OLFAT, M.	M 1929	Persian, English
SAXENA,	M 1929 Demographer	Indian, English, French
FAGHIHI, M.	M 1937 Demographer	Persian, English
POYAN, N.	M 1938	Persian, English
KASHTKARI, A.	M 1940	Persian, English
BAGHRIAN, M.	M 1924 Statistician	Persian

Research project

Title Population study in the centre of Karaj (a city near Tehran)
Director MERAT, K.
Date of completion September 1974
Aim

To collect data on the size and characteristics of population and the household. This survey was made by statistical technicians in two phases. (i) a census of demographic and health characteristics was carried out in 178 villages with 63,000 people, and (ii) information on vital events and diseases was registered and recorded in the course of monthly visits. The investigators referred to the houses of the area and carried out an interview with the head of the household and made necessary observations. In the course of this survey the pertinent questionnaires were processed by computer. The surveyed area comprised 9,464 inhabitants.

Area of research Publication

Karaj
"The results of demographic studies in Karaj" (MERAT, K., FAGHIHI, M.), Ministry of Health, No. 50, November 1974, monograph, pp. 20, in Persian. It presents the purpose of economical study of population with its relation to health, nutrition, education, social welfare, occupation, dwelling, type of the family, population changes and the question of migration in the city of Karaj

Title

Demographic survey in Shahriar area

Director OLFAT, M.

Date of completion July 1973

Aim To measure the demographic and health indicators for the purpose of comparing

them with indicators obtained ten years ago

Area of research

Shahriar area (near Tehran)

Publication "The results of the Shahriar survey" (POYAN, N.), General Department of Population and Statistical Surveys, No. 20, September 1973, monograph, pp. 20, in Persian. Covers morbidity, natality, mortality, and fertility rates of 178 villages of the area.

Note

1/ Due to the reorganization of the Ministry of Health, the Bureaux of Population Affairs and Health Statistics were integrated in March 1974 under the name "General Department of Population and Statistical Surveys."

RESEARCH AND TEACHING INSTITUTION

Japan 10
(revised 1975)

The following supersedes the information published earlier:

Name	Hiroshima University, Statistics Section, Department of General Education				
Address	1-1, Senda-machi, Hiroshima-shi, Japan, 730				
First year of research	1949				
Professional staff					
OKAMOTO, M.	M	1928	Statistician	Information and behaviour sciences	Japanese, English, French, Russian, German
MARUYAMA, K.	M	1937	Anthropologist	Area studies	Japanese, English
MURAKAMI, M.	M	1935	Geographer	Area studies	Japanese, English
Research project					
Title	A study on Korean immigrants to western Japan and the re-integration process into their home villages				
Director	NOGUCHI, Takashi				
Date of completion	March 1975				
Aim	To clarify cultural continuity and change in the migratory process between Korea and Japan				
Area of research	Hiroshima, Japan, and Gyeongsang Namdo, Korea				
Publication	"A preliminary report on the study on Korean immigrants to western Japan and the re-integration process into their home village," Japanese-Korean Co-operative Research Project Team, monograph, 64 pp. 300 copies, in Japanese. 1) Aims and methods of research 2) Village structure and acculturation: 3) Medical study of acculturation process for the Korean immigrants.				
Title	Rural settlements in monsoon Asia				
Director	YONEKURA, Jiro				
Date of completion	1973				
Aim	To study the characteristics of villages and to probe the way of modernization and economic development				
Area of research	Rural India				
Publication	"Recent changes in settlements in India" (YONEKURA (ed.) and others), Kokon Shoin, Tokyo, May 1973, 505 pp., in Japanese with summary in English.				
Title	Stochastic model of the conditional birth-control rules				
Director	OKAMOTO, Masanori				
Aim	To make a stochastic model on the conditional stopping rules of further birth depending on the number of males or females previously obtained in each family				
Curricula					
Language	Japanese				
Entrance requirement	Entrance examination (matriculation level)				
Course	APPLIED STATISTICS (compulsory), including 1/ Life table, 2 h; 2. Census analysis, 6 h. SOUTHEAST ASIAN ETHNOLOGY, 60 h; Demography, 4 h (optional). ASIAN GEOGRAPHY, 60 h; Demography, 10 h (optional).				

Note

1/ Part of a four-year course.

RESEARCH INSTITUTION

Japan 23
(revised 1975)

Name Ministry of Health and Welfare, Institute of Population Problems
Address 2-2, 1-chome, Kasumigaseki, Chiyoda-ku, Tokyo, Japan
Person in charge KURODA, Toshio
Official title Director
First year of research 1939

Professional staff

KURODA, T.	M 1909 Economist-demographer	n.a. Japanese, English, French
SHINOZAKI, N.	M 1914 Physical anthropologist-demographer	n.a. Japanese, English, German
HAYASHI, S.	M 1905 Economist-demographer	n.a. Japanese, English, German
KOBAYASHI, K. 1/	M 1919 Physical anthropologist-demographer	n.a. Japanese, English, German
AOKI, H.	M 1922 Physical anthropologist-demographer	n.a. Japanese, English, German
HAMA, H.	M 1925 Human geographer-demographer	n.a. Japanese, English, German
OKAZAKI, Y.	M 1925 Economist-demographer	n.a. Japanese, English, German, French
YAMAGUCHI, K.	M 1928 Demographer	n.a. Japanese
UCHINO, S.	F 1930 Economist-demographer	n.a. Japanese, English
NAKANO, E.	F 1936 Oriental historian-demographer	n.a. Japanese, English
IMAIZUMI, Yoko	F 1938 Population geneticist	n.a. Japanese, English, German
YAMAMOTO, M.	F 1932 Human geographer-demographer	n.a. Japanese
KANEKO, T.	M 1939 Political scientist-demographer	n.a. Japanese, English
SHIMIZU, H.	M 1943 Sociologist-demographer	n.a. Japanese, English, German
WAKABAYASHI, K.	F 1944 Sociologist-demographer	n.a. Japanese, English
SHIBATA, H.	M 1941 Sociologist-demographer	n.a. Japanese, English
NOHARA, M.	M 1942 Sociologist-demographer	n.a. Japanese, English, French
HIROSHIMA, K.	M 1945 Urban engineer	n.a. Japanese, English, French
ITO, T.	M 1945 Human geographer-demographer	n.a. Japanese, English, French
WATANABE, Y.	M 1943 Political scientist-demographer	n.a. Japanese, English

Research project

Title Comprehensive survey on interrelations between population mobility and social changes in selected areas
Director HAMA, Hidehiko
Date of completion March 1977

Note

1/ Currently at the Center for Southeast Asian Studies, Kyoto University

Page 224 of 1st edition

Title

Publications

Add:

Study of effects of family planning practice on fertility

"Foreword for the special issue on the trends and prospects of fertility in Japan" (TAOKI, M.), *The Journal of Population Problems*, No. 114, April 1970, pp. 1-4.

"A general view of fertility and its regulation in Japan" (AOKI, H.), *The Journal of Population Problems*, No. 114, April 1970, pp. 5-20.

"An analysis of socio-economic factors affecting fertility in Japan" (OKAZAKI, Y.), *The Journal of Population Problems*, No. 114, April 1970, pp. 21-34.

"Approach to analyse future trends of fertility in Japan" (HAMA, H.), *The Journal of Population Problems*, No. 114, April 1970, pp. 35-49.

Page 228 of 1st edition

Title

Publications

Add:

The fifth fertility survey

"Report of the fifth fertility survey in 1967(3)" (KOBAYASHI, K.), *The Journal of Population Problems*, No. 113, January 1970, pp. 31-47.

"Report of the fifth fertility survey in 1967(4)" (KOBAYASHI, K.), *The Journal of Population Problems*, No. 115, July 1970, pp. 1-31.

"Report of the fifth fertility survey in 1967(5)" (KOBAYASHI, K.), *The Journal of Population Problems*, No. 119, July 1971, pp. 26-40.

"Report of the fifth fertility survey in 1967(6)" (KOBAYASHI, K.), *The Journal of Population Problems*, No. 120, October 1971, pp. 23-44.

Page 226 of 1st edition

Title

Publications

Add:

Population projections for Japan

"Revised population estimates by prefectures, Japan : 1970, 1975, 1980 and 1985" (Provisional), (HAMA, H.), *The Journal of Population Problems*, No. 113, January 1970, pp. 64-67.

"Second revised population estimates by prefectures, Japan : 1975, 1980 and 1985" (Provisional), (HAMA, H.), *The Journal of Population Problems*, No. 119, July 1971, pp. 43-48.

"Methods for subnational population projections" (HAMA, H.), and YAMAMOTO, C.), *Annual Reports of the Institute of Population Problems*, No. 17, December 1972, pp. 7-11.

Page 227 of 1st edition

Title

Publications

Add:

Household projections for Japan

"Future estimates of number of households for Japan: October 1, 1970 to 1985, estimated in October 1971" (HAMA, H.), *The Journal of Population Problems*, No. 121, January 1972, pp. 26-46.

Other publications

- "The transfiguration of the population of agricultural villages under the high economic growth: the actual situation and the reconsideration as a question of countermeasure in the period of structural upheaval" (HAYASHI, S.), *The Journal of Population Problems*, No. 116, October 1970, pp. 1-26.
- "Types of out-flow of farming labor force in recent Japan: in view of the tendency to become waged workers" (SHIBATA, H.), *The Journal of Population Problems*, No. 116, October 1970, pp. 27-39.
- "Occupational differences in male fertility and reproductivity in recent Japan" (YAMAGUCHI, K.), *The Journal of Population Problems*, No. 116, October 1970, pp. 40-57.
- "The calculation of the coefficient of dependants by population divided by age groups" (HAMA, H. and YAMAMOTO, C.), *Annual Reports of the Institute of Population Problems*, No. 15, December 1970, pp. 1-5.
- "Specific dependency ratio according to labour force status" (TACHI, M. and YAMAGUCHI, K.), *Annual Reports of the Institute of Population Problems*, No. 15, December 1970, pp. 6-9.
- "Level of fertility and population increase" (OKAZAKI, Y.), *Annual Reports of the Institute of Population Problems*, No. 15, December 1970, pp. 10-14.
- "Problems of the decline of birth rate of farming households in recent years" (HAYASHI, S.), *Annual Reports of the Institute of Population Problems*, No. 15, December 1970, pp. 15-19.
- "Regional changes of births by some demographic factors during 1961-1965" (UEDA, M.), *Annual Reports of the Institute of Population Problems*, No. 15, December 1970, pp. 20-25.
- "Transition to modernization in migratory behaviour" (KURODA, T.), *Annual Reports of the Institute of Population Problems*, No. 15, December 1970, pp. 26-29.
- "The relations between the migration and the changes of the employment structure in the Keihin metropolitan region" (UEDA, M. and WATANABE, Y.), *Annual Reports of the Institute of Population Problems*, No. 15, December 1970, pp. 30-35.
- "A consideration of the transition of population of farming villages under the high economic growth" (YAMAMOTO, M.), *Annual Reports of the Institute of Population Problems*, No. 15, December 1970, pp. 36-40.
- "Family construction and employment construction of the excessively straggling area: report on the example of Hasumi-mura in Shimane prefecture" (SHIBATA, H.), *Annual Reports of the Institute of Population Problems*, No. 15, December 1970, pp. 41-46.
- "Fertility and reproductivity rates and ages at marriage in developed countries: latest available year" (YAMAGUCHI, K.), *The Journal of Population Problems*, No. 117, January 1971, pp. 54-61.

- "Regional problems of population in Japan from the viewpoint of fertility" (SHINOZAKI, N.), *The Journal of Population Problems*, No. 118, April 1971, pp. 5-20
- "Regional differences in age and industrial compositions of Japan's population" (HAMA, H.), *The Journal of Population Problems*, No. 118, April 1971, pp. 21-34
- "Regional populations and dietary behaviour in Japan: convergence and differentiation" (UCHINO, S.), *The Journal of Population Problems*, No. 118, April 1971, pp. 35-60
- "A study on population composition: special reference to Japan" (KURODA, T.), *The Journal of Population Problems*, No. 119, July 1971, pp. 1-12.
- "Change of the age structure and the supporting problem in farming households" (HAYASHI, S. and YAMAMOTO, M.), *The Journal of Population Problems*, No. 120, October 1971, pp. 1-22
- "Changes in regional distribution of demographic reproductivity" (TACHI and YAMAGUCHI, K.), *Annual Reports of the Institute of Population Problems*, No. 16, December 1971, pp. 1-8
- "Changes of age composition of population in Japan" (KURODA, T.), *Annual Reports of the Institute of Population Problems*, No. 16, December 1971, pp. 9-13
- "Recent population changes in the metropolitan areas in Japan" (HAMA, H. and YAMAMOTO, C.), *Annual Reports of the Institution of Population Problems*, No. 16, December 1971, pp. 14-18
- "An observation on recent changes in economic activity of the aged in Japan" (UEDA, M.), *Annual Reports of the Institution of Population Problems*, No. 16, December 1971, pp. 47-52
- "A study on the changes of age construction and the actual state of the aged households of the farming families under the high economic growth" (YAMAMOTO, M.), *Annual Reports of the Institution of Population Problems*, No. 16, December 1971, pp. 53-56
- "Recent population changes in the metropolitan areas in Japan" (HAMA, H. and YAMAMOTO, C.), *Annual Reports of the Institution of Population Problems*, No. 16, December 1971, pp. 14-18
- "Female labour force population" (NAKANO, E.), *The Journal of Population Problems*, No. 122, April 1972, pp. 6-19
- "Farming labour force population" (HAYASHI, S.), *The Journal of Population Problems*, No. 122, April 1972, pp. 20-34
- "A survey result on the post-partum amenorrhea of Japanese women" (TACHI, M. and NAKANO, E.), *The Journal of Population Problems*, No. 123, July 1972, pp. 34-41
- "Consciousness of successors in farm households: in Kazo city, Saitama prefecture" (WAKABAYASHI, K.), *The Journal of Population Problems*, No. 124, October 1972, pp. 1-16

- "Changing age structure of the population of Japan and some international comparisons" (YAMAGUCHI, K.), *The Journal of Population Problems*, No. 124, October 1972, pp. 17-49
- "The increase and the maldistribution of aged population in Japan" (TACHI, M. and YAMAGUCHI, K.), *Annual Reports of the Institute of Population Problems*, No. 17, December 1972, pp. 1-6
- "A new dimension of fertility transition" (KURODA, T.), *Annual Reports of the Institute of Population Problems*, No. 17, December 1972, pp. 12-16
- "A statistical analysis of economic and social background of fertility levels" (OKAZAKI, Y.), *Annual Reports of the Institute of Population Problems*, No. 17, December 1972, pp. 17-20.
- "Lowering the birth rate in Akita prefecture" (TAKAHASHI, S.), *Annual Reports of the Institute of Population Problems*, No. 17, December 1972, pp. 21-26
- "Recent trends in the age specific mortality rates of Japan in comparison with those of longevity countries" (KANEKO, T.), *Annual Reports of the Institute of Population Problems*, No. 17, December 1972, pp. 27-30
- "Change of the age structure and the supporting problem in farming households" (HAYASHI, S. and YAMAMOTO, M.), *Annual Reports of the Institute of Population Problems*, No. 17, December 1972, pp. 40-43
- "Changes of occupation for employees in non-agricultural industries" (SHIBATA, H.), *Annual Reports of the Institute of Population Problems*, No. 17, December 1972, pp. 44-47
- "Old nuclear family" and geographical mobility: a case of a rural village in Japan" (SHIMIZU, H.), *The Journal of Population Problems*, No. 126, April 1973, pp. 15-30
- "Future population estimates under condition of at most two or three children" (OKAZAKI, Y.), *Annual Reports of the Institute of Population Problems*, No. 18, December 1973, pp. 10-13
- "Recent trends and applications in regional population changes in Japan" (HAMA, H.), *Annual Reports of the Institute of Population Problems*, No. 18, December 1973, pp. 42-46
- "A method on the relationship between births in a region and the regional parameters" (ITOH, T.), *Annual Reports of the Institute of Population Problems*, No. 18, December 1973, pp. 53-56
- "Migration and community problems under the Keiyo reclamation development" (WAKABAYASHI, K.) *Annual Reports of the Institute of Population Problems*, No. 18, December 1973, pp. 63-66
- "A preliminary study of the structure of "the aged households" and out-migration: report on the example of a peasant village in Shimane prefecture" (SHIMIZU, H.), *Annual Reports of the Institute of Population Problems*, No. 18, December 1973, pp. 67-70

Title	The sixth fertility survey (conducted in fiscal 1972)
Date of completion	March 1976
Aim	To study fertility behaviour and family planning practice among Japanese married couples
Area of research	Nation-wide
Publications	"Report of the sixth fertility survey in 1972 (No. 1)" (SHINOZAKI, N. and five other staff members), Survey Report Series, March 1973, 476, monograph, 300 copies, in Japanese. "Report of the sixth fertility survey in 1972 (No. 2): method of survey and reliability of returns" (AOKI, H. and IKENOUE, M.), <i>The Journal of Population Problems</i>, No. 127, July 1973, pp. 1-10, periodical, 1,000 copies, in Japanese with a summary in English. "Report of the sixth fertility survey in 1972 (No. 3): differential fertility by working status of wives", (WATANABE, Y.), <i>The Journal of Population Problems</i>, No. 127, July 1973, pp. 11-19, periodical, 1,000 copies, in Japanese with a summary in English. "Report of the sixth fertility survey in 1972 (No. 4): number of children ever-born alive", (AOKI, H.), <i>Annual Reports of the Institute of Population Problems</i>, No. 18, December 1973, pp. 19-22, periodical, 1,000 copies, in Japanese with a summary in English. "Report of the sixth fertility survey in 1972 (No. 5): places of residence of the surveyed married couples" (IKENOUE, M.), <i>Annual Reports of the Institute of Population Problems</i>, No. 18, December 1973, pp. 23-24, periodical, 1,000 copies, in Japanese with a summary in English. "Report of the sixth fertility survey in 1972 (No. 6): recent trends of fertility of farmers" (TAKAHASHI, S.), <i>Annual Reports of the Institute of Population Problems</i>, No. 18, December 1973, pp. 25-29, periodical, 1,000 copies, in Japanese with a summary in English.

Title	Comprehensive survey on the structure and changes of regional populations in Japan
Director	HAYASHI S.
Date of completion	March 1976
Aim	To study interrelations between demographic changes and people's lives in selected areas
Area of research	13 prefectures in Japan

Title	Population projections by sex and age for all Japan based on the 1970 census
Director	HAMA H.
Date of completion	December 1975
Aim	Same as the title
Area of research	Japan

Title	Survey on relationships between changes in the population distribution and regional economics
Director	KURODA T.
Date of completion	December 1972
Aim	To study impacts of economic development on population distribution and impacts of changing population distribution on economic development in selected areas

**Area of research
Publication**

Eight prefectures in Japan

"Analysis of persons who have or had lived in metropolitan areas, from the demographic viewpoint - by special tabulation of results of survey on relationships between population mobility and social-economic factors" (OKAZAKI, Y. and SUDA, T.), *The Journal of Population Problems*, No. 115, July 1970, pp. 47-56.

"Transformation of labour force migration" (KURODA, T.), *The Journal of Population Problems*, No. 122, April 1972, pp. 35-49.

"Statistical analysis of recent internal migration" (OKAZAKI, Y. and SUDA, T.), *The Journal of Population Problems*, No. 124, October 1972, pp. 50-62.

"Report of survey on relationships between changes in the population distribution and regional economics (eight separate reports for eight prefectures), Staff of the Division of Migration Research, Institute of Population Problems, Survey Report Series, July to December 1972, 80 pp. each, monograph, Japanese.

"An analysis of migration in the Hiroshima urban area in Japan" (ITOH, T.), *Annual Reports of the Institute of Population Problems*, No. 16, December 1971, pp. 36-41.

"An analysis of migration in the Hiroshima urban area in Japan (2)" (ITOH, T.), *Annual Reports of the Institute of Population Problems*, No. 17, December 1972, pp. 31-35.

"An analysis of 'the Form of Migration': survey on the Hiroshima prefecture in 1970" (SHIMIZU, H.), *Annual Reports of the Institute of Population Problems*, No. 17, December 1972, pp. 36-39.

"Task and labourers' mobility and migration" (SHIBATA, H.), *The Journal of Population Problems*, No. 125, January 1973, pp. 25-40.

"Intercensal estimation of births occurring in female census cohorts taking account of migration: methodology and application" (ITOH, T.), *The Journal of Population Problems*, No. 126, April 1973, pp. 31-41.

**Title
Director
Aim**

Standardized vital rates and stable populations for Japan: 1965-1970

YAMAGUCHI K.

To compute standardized vital rates, reproduction rates, intrinsic vital rates, and stable age distribution for Japan.

**Area of research
Publication**

All Japan

"Population reproductivity for all Japan in 1965-1970" (YAMAGUCHI, K. and KANEKO, T.), *Research Series*, No. 203, October 1973, 43 pp, monograph, 1,000 copies, in Japanese.

"Standardized vital rates by prefectures: 1970" (YAMAGUCHI, K. and TAKAHASHI, S.), *Research Series*, No. 201, October 1973, 49 pp, monograph, in Japanese.

"Recent trends in regional distribution of natural increase in Japan" (YAMAGUCHI, K. and KANEKO, T.), *Annual Reports of the Institute of Population Problems*, No. 18, December 1973, pp. 47-52.

Title Director Date of completion Area of research Publication	Preparation of annual abridged life tables for all Japan KANEKO, T. Continuing Japan "The 22nd abridged life tables, April 1, 1968 - March 31, 1969" (KANEKO, T.), Research Series, No. 194, July 1970, 26 pp, monograph, 1,000 copies, in Japanese with a summary in English. "The 23rd abridged life tables, April 1, 1969 - March 31, 1970 - (KANEKO, T.), Research Series, No. 196, September 1971, 27 pp, monograph, 1,000 copies, in Japanese with a summary in English. "The 24th abridged life tables, April 1, 1970 - March 31, 1971" (KANEKO, Take- haru), Research Series, No. 198, March 1972, 26 pp, monograph, 1,000 copies, in Japanese with a summary in English. "The 25th abridged life tables, April 1, 1971 - March 31, 1972" (KANEKO, Take- haru), Research Series, No. 199, February 1973, 26 pp, monograph, 1,000 copies, in Japanese with a summary in English. "Abridged working life table for Japanese males: 1970" (KANEKO, Takeharu), The Journal of Population Problems, No. 127, July 1973, pp. 35-48.
---	--

RESEARCH INSTITUTION

Japan 31
(revised 1975)

The following supersedes the information published earlier:

Name	Tohoku University, Faculty of Economics		
Address	Kawauchi, Sendai-shi, Miyagi-ken, Japan		
Person in charge	HAGA, Hanjiro		
Official title	Dean and Professor of the Faculty		
First year of research	1949		
Professional staff			
KURIYAMA, T.	M	1941	Statistician
			Economic statistics
			Japanese, English
Research project	Unchanged		

RESEARCH INSTITUTION

Japan 36
(revised 1975)

The following supersedes the information published earlier:

Name	University of Tokyo, Faculty of Medicine, Department of Public Health				
Address	7-3-1, Hongo Bunkyo-ku, Tokyo 113, Japan				
Person in charge	KATSUNUMA, Haruo				
Official title	Professor and Head of the Department				
First year of research	1960				
Professional staff					
KATSUNUMA, H.	M	1916	M.D.	n.a.	Japanese, English, German, French
MATSUMOTO, N.	M	1932	M.D.	n.a.	Japanese, English, German, French
Research projects					
Title	The Congenital effects of environmental pollution				
Director	KATSUNUMA, H.				
Date of completion	1976				
Aim	To add new information to knowledge of congenital effects caused by environmental pollution.				
Area of research	Japan				
Title	Population problems in Japan				
Aim	To describe the population dynamics relating to the changing value system in the Japanese community				
Publication	"Population problems in Japan" (KATSUNUMA, KOIZUMI, TANAKA), April 1975, monograph, in Japanese, (in press).				
Title	Impact of rapid industrialization and urbanization on health indicators of rural population				
Director	KATSUNUMA, H.				
Date of completion	December 1968				
Aim	To compare annual changes of various health indicators in rural districts, with special reference to population increase				
Area of research	Demography and biostatistics				
Publication	"Age-corrected proportional mortality indicator (PMI) as a comprehensive health indicator" (KATSUNUMA & KOIZUMI), Bulletin of the World Health Organization, vol. 39, pp. 986-991, in English. The age-corrected PMI is presented and shown to be a practical and correct indicator of health levels for the purpose of comparison of rural populations.				

RESEARCH AND TEACHING INSTITUTION

New Zealand 6. A*
(added 1975)

Name	Department of Sociology, University of Waikato	
Address	Hamilton, New Zealand	
Professional staff		
O'NEILL, J.	M 1944 Demographer	English, French, German, Norwegian
Research projects		
Title	Fertility in New Zealand	
Director	O'NEILL, J.	
Date of completion	December 1976	
Aim	Contribution to the World Fertility Survey	
Area of research	New Zealand	
Title	Family growth study among ever-married women aged 15-44	
Director	Joint project of the Department of Health, New Zealand Family Planning Association and Victoria University of Wellington	
Date of completion	The survey will be conducted in July 1975 and results will be available in early 1976	
Aim	(i) To gain information on contraceptive knowledge and usage, child spacing and related motivation; (ii) to act as a feasibility pretext and training project for New Zealand's possible participation in the World Fertility Survey.	
Area of research	Lower Hutt City, New Zealand	
Curricula		
Language	English	
Entrance requirement	Matriculation	
Diploma	B.A.	
Courses	DEMOGRAPHY METHODS, 52 h. HISTORICAL DEMOGRAPHY, 52 h.	

RESEARCH AND TEACHING INSTITUTION

Pakistan 1. A*
(added 1975)

Name Census Organization
Address 16-Almarkaz Building, Islamabad, Pakistan
Person in charge LATIF, A.
Official title Census Commissioner and Ex-Officio Joint Secretary
First year of research 1975
First year of teaching 1974

Professional staff

MIRZA, G. M.	M 1928	Demographer/statistician	Punjabi, English, Urdu
GILL, A. S.	M 1930	Demographer/statistician	Punjabi, English, Urdu
ILYAS, M.	M 1931	Computer programmer	Punjabi, English, Urdu
KHADIM, M. A.	M 1933	Demographer/statistician	Punjabi, English, Urdu
HUSSAIN, S.S.	M 1942	Demographer/statistician	Punjabi, English, Urdu
SYED, A.A.	M 1935	Demographer/statistician	Urdu, English

Research project

Title Differential current fertility in Pakistan
Director MIRZA, G. M.
Date of completion September 1976
Aim To explore current differential fertility within Pakistan by major social, economic and demographic variables from sample data obtained in 1973 on 300,000 households

Area of research Provincial and national level

Curricula 1/

Diploma M.A. in Statistics, Demographic, Sociology, Economics
Courses CENSUS ANALYSIS, 4 weeks
POPULATION PROJECTIONS, 4 weeks

Note

1/ The teaching function at Census Organization is not established on a regular basis yet. At present, periodic courses are offered as a result of a Ford Foundation grant which has made available the services of a demographic consultant from abroad for a two-year period.

RESEARCH AND TEACHING INSTITUTION

Pakistan 1. B*
(added 1975)

Name
Address
Person in charge
Official title

Gomal University, Department of Statistics
D. I. Khan, N.W.F.P., Pakistan
SHAH, M. Rafiq
Chairman

Professional staff

SHAH, R.	M	1942	Demographer	Demographic techniques	Pashto, English, Urdu
ANWAR, M.	M	1944	Statistician	Mathematical statistics	Pashto, English, Urdu
KHAN, B.	M	1951	Statistician	Design of experiments	Saraiki, English, Urdu, Punjabi
SARWAR, M.	M	1947	Statistician	Psychometric methods	Pashto, English, Urdu
KHAN, T.	M	1947	Statistician	Mathematical statistics	Saraiki, English, Urdu
TUFAIL, M.	M	1951	Statistician	Mathematical statistics	Punjabi, English, Urdu
ISLAM, Q.	M	...	Statistician	Design of experiments	Urdu, English
HAYAT, M.	M	...	Statistician	Mathematical statistics	Punjabi, English, Urdu
NAWAZ, G.	M	...	Statistician	Demography	Saraiki, English, Urdu
SHAH, I.	M	...	Statistician	Probability theory	Saraiki, English, Urdu

Curricula

Language
Entrance requirement
Diploma
Course

English
B.A./B.Sc.
M.Sc.

1. Demographic Techniques: science of demography-Definition of demography - Concept of demographic data - Evaluation of demographic data - Sources of demographic data - Vital registration procedures - Method of estimation special survey approach - Reliability of demographic data - Classification and detection of errors - Method of adjustment of defective data - Rates and ratios;
 2. Mortality measures: Basic demographic measures of death - Classification of death rates - Detailed study of standardization of death rate - Equivalent average death rate measurement of differential mortality;
 3. Fertility and reproductivity measures: Demographic measures of birth - Description of various birth rates - Standardized birth rates - Fertility rates - Gross and net reproduction rates - Measurement of differential fertility - Cohort analysis;
 4. Some other measures: Morbidity, marriage, divorce, still birth and maternal mortality rates - Death rates - Vital index - Sex rates;
- Life table: Anatomy of life table - Partial aspect of life table - Construction of abridged and simple life tables - Application of life table functions; Population projections: Post and intercensal estimates - Estimation of population characteristics - Projection techniques - Projection of growth curves and component projections - Prospects in areas of high and low fertility - Probable consequences of future population growth interpolation, entrapolation and other projection techniques - Relationship between fertility and infant mortality, fertility and maternal mortality and fertility and general level of mortality.

RESEARCH INSTITUTION

Pakistan 2.A*
(added 1975)

Name Regional Development Project for North West Frontier Province (NWFP)
Address 8-A, Park Road, University Town, Peshawar, Pakistan
Person in charge QUTUB, S.A.
Official title Director

Professional staff

QUTUB, S.A.	M 1949	Geographer	Urdu, English
ASHRAF, A.	M 1943	Economist Economic planning	Pashto, English, Urdu, Persian
KHATTAK, S.	M 1942	Economist Social planning	Pashto, English, Urdu, Arabic

Research project

Title Situation study of the needs of mothers and children
Director QUTUB, S.A.
Date of completion December 1975
Aim To evaluate by sample survey the present geographical coverage of education, health and other social welfare services in the province
Area of research North West Frontier Province

Title Migration from and within NWFP
Director QUTUB, S.A.
Date of completion September 1975
Aim To quantitatively measure the direction and the volume of migration from and within NWFP and evaluate the reasons thereof to assist subsequently in social planning
Area of research Primarily NWFP, but effects on urban centres throughout Pakistan taken into account.

RESEARCH AND TEACHING INSTITUTION

Pakistan 6
(revised 1975)

Name Social Sciences Research Centre
Address New University Campus, CPOL 484, Lahore, Pakistan
Person in charge HUSSAIN, Mazhar
Official title Director

Professional staff

HUSSAIN, M.

M 1929 Statistician	Research methods, statistics	Punjabi, English, Urdu, Persian
F 1935 Sociologist	Sociology	Punjabi, English, Urdu
F 1937 Economist		Punjabi, English, Urdu
M 1950 Economist		Punjabi, English, Urdu
M 1945 Mathematician		Punjabi, English, Urdu
M 1941 Economist		Punjabi, English, Urdu
M 1938 Sociologist		Punjabi, English, Urdu
F 1935 Demographer		Punjabi, English, Urdu

Research projects

Title Employment potentialities of highly-qualified persons in natural sciences and mathematics in West Pakistan
Director HUSSAIN, M.
Date of completion May 1971
Aim

(i) To see the nature of present employment patterns; (ii) determine emoluments and other amenities available to the incumbents in their job; (iii) to make interdisciplinary comparison of the type of jobs that the graduates of natural sciences and mathematics are holding; (iv) to determine job satisfaction, and (v) to ascertain the differential of economic and social status on sex and on place of residence.

Area of research Pakistan

Title Cross sectional comparative study of the aged in West Pakistan
Director HUSSAIN, M.
Date of completion April 1972
Aim

(i) To describe the role of the aged in urbanizing societies; (ii) to describe national policies and measures with respect to problems of the aged.

Area of research Pakistan

Title Before and after mass media experiment - impact of two alternative motivational campaigns on knowledge, attitudes and practice of family planning (Parts I and II)

Director HUSSAIN, M. and RAFIQ, M.
Date of completion August 1972
Aim

(i) To find out the effect of different methods of mass media communication for imparting knowledge of family planning among the masses; (ii) to study the knowledge, opinion and practice of all fertile couples of Gikhpue village before the low-tone motivational campaign and; (iii) to assess the change in knowledge, opinion and practice of some fertile couples after the low-tone motivational campaign through a clinic.

Area of research Tehsil Chunian
Publication To be published by the Pakistan Family Planning Association

Title	Before and after mass media communication experiment - the effect of the low-tone motivation campaign on opinion and practice of family planning (Parts I and II)
Director	HUSSAIN, M. and SAEED, S.
Date of completion	November 1972
Aim	(i) To study the knowledge, opinion and practice of all fertile couples of Cikhpur village before the low-tone motivational campaign; (ii) to assess the change in knowledge, opinion and practice of some fertile couples after low-tone motivational campaign through a clinic; (iii) to find out the effect of different methods of mass media communication for imparting knowledge of family planning among the masses.
Area of research	Gidhpru village in Tehsil Ghuniah District, Lahore
Title	Population migration study in the Lahore metropolitan region - a sample survey of Sialkot city
Director	NAZLI, A.
Date of completion	August 1973
Aim	(i) To estimate the resident population of the city as on 30 June 1972 and classify it according to specific characteristics, such as age, sex, income and occupation; (ii) to estimate immigrants and net-migrants for the city of Sialkot (excluding the cantonment area) by place of residence during the last one year, i.e. from 1 July 1971 to 30 June 1972. This will cover: a. the number of persons who migrated to or out of the town, classified again according to demographic and socio-economic characteristics such as age, sex, income and occupation; b. reasons of migration.
Area of research	Sialkot city
Curricula	
Language	English
Entrance requirement	M.A. in one of the Social Sciences, Statistics or Mathematics
Diploma	Post-graduate Diploma in Demography
Courses	TECHNICAL DEMOGRAPHY (compulsory), 6 h. SUBSTANTIVE DEMOGRAPHY (compulsory), 6 h. RESEARCH METHODS (compulsory), STATISTICS (compulsory), 50 h. MATHEMATICS (compulsory), 50 h. SOCIOLOGY (compulsory), 50 h. ECONOMICS (compulsory).

RESEARCH AND TEACHING INSTITUTION

Pakistan 12.A*
(added 1975)

Name Punjab University, Department of Sociology
Address New Campus, Lahore, Pakistan
Person in charge NAEEM, Muhammad

Professional staff

NAEEM, M.	M 1941 Sociologist	Urdu, English
SAIF, M.I.	M 1948 Sociologist	Urdu, English

Research project

Title	Attitude of educated youth towards the idea of family planning
Director	NAEEM, M.
Date of completion	August 1975
Aim	To find out: (i) the awareness about population problems among educated youth (post-graduate students of three universities); (ii) the extent of willingness to educate the masses about family planning.
Area of research	Three universities, viz. Punjab and Agriculture (Punjab province) and Peshawar (N.W.F.P.)

Curricula

Entrance requirement	B.A./B.Sc.
Diploma	M.A.
Courses	SOCIOLOGY OF POPULATION, 3 h/week: Basic concepts; Population of Pakistan; Population theory; Technique of analysis e.g. rate, life table, etc.

Annex I

Our surveys have so far identified 193 institutions or government agencies with 271 departments in 21 ESCAP countries (see list in annex II) and 1106 projects have also been listed. The following tables give a more complete breakdown.

Table 1

NUMBER OF INSTITUTIONS LISTED IN ASIAN POPULATION STUDIES SERIES NO. 8, RESEARCH, TEACHING AND TRAINING IN DEMOGRAPHY A DIRECTORY OF INSTITUTIONS IN THE ESCAP REGION

Country	Number of Institutions	Number of departments/units
Australia	12	17
Bangladesh	7	11
Burma	2	2
Cambodia	2	3
Hong Kong	2	6
India	54	63
Indonesia	17	22
Iran	5	10
Japan	31	40
Laos	1	1
Malaysia	2	3
Nepal	1	1
New Zealand	6	11
Pakistan	7	8
Papua New Guinea	1	2
Philippines	11	17
Republic of Korea	12	21
Republic of South Vietnam	4	4
Singapore	2	5
Sri Lanka	8	10
Thailand	6	14
Total	193	271

Table 2
NUMBER OF RESEARCH PROJECTS REPORTED ^{1/}

	Directory	Supple- ment 1	Supple- ment 2	Supple- ment 3	Subtotal of Supple- ments 1, 2 and 3	Total
Australia	40	1	42	3	46	86
Bangladesh	30	8	-	13	21	51
Burma	6	-	-	-	-	6
Cambodia	5	-	-	-	-	5
Hong Kong	7	-	5	4	9	16
India	149	40	135	42	217	366
Indonesia	21	27	14	-	41	62
Iran	25	-	12	22	34	59
Japan	67	6	18	13	37	104
Laos	4	-	1	-	1	5
Malaysia	7	3	-	-	3	10
Nepal	-	2	-	-	2	2
New Zealand	13	3	12	2	17	30
Pakistan	11	23	-	9	32	43
Papua New Guinea	2	-	-	-	-	2
Philippines	24	18	7	-	25	49
Republic of Korea	28	25	66	-	91	119
Republic of South Vietnam	1	-	3	-	3	4
Singapore	4	19	3	-	22	26
Sri Lanka	4	3	15	-	18	22
Thailand	18	8	13	-	21	39
Total	466	186	346	108	640	1106

Note

^{1/} Projects described in the Directory (1972) and referred to again in the Supplements are not included in this table under the Supplements.

Table 3
NUMBER OF SUBJECT AREAS COVERED BY RESEARCH PROJECTS
REPORTED ^{1/}

	Directory	Supple- ment 1	Supple- ment 2	Supple- ment 3	Subtotal of Supple- ments 1, 2 and 3	Total
Population: size, growth, characteristics						
Australia	14	5	43	1	49	63
Bangladesh	17	4	-	2	6	23
Burma	3	-	-	-	-	3
Cambodia	3	-	-	-	-	3
Hong Kong	12	-	2	2	4	16
India	59	16	37	15	68	127
Indonesia	15	13	8	-	21	36
Iran	13	-	3	13	16	29
Japan	38	2	10	7	19	57
Laos	3	-	5	-	5	8
Malaysia	4	1	-	-	1	5
New Zealand	3	1	8	-	9	12
Pakistan	4	6	-	-	6	10
Philippines	5	8	-	-	8	13
Republic of Korea	4	4	16	-	20	24
Republic of South Vietnam	-	-	7	-	7	7
Singapore	3	3	-	-	3	6
Sri Lanka	3	1	7	-	8	11
Thailand	1	4	-	-	4	5
Total	204	68	146	40	254	458

Note

^{1/} A research project may cover more than one subject area.

	Directory	Supple- ment 1	Supple- ment 2	Supple- ment 3	Subtotal of Supple- ments 1, 2 and 3	Total
Fertility						
Australia	23	-	16	1	17	40
Bangladesh	6	-	-	1	1	7
Burma	2	-	-	-	-	2
Cambodia	2	-	-	-	-	2
Hong Kong	-	-	1	-	1	1
India	50	9	27	2	38	88
Indonesia	5	7	7	-	14	19
Iran	8	-	6	5	11	19
Japan	12	2	2	1	5	17
Malaysia	2	-	-	-	-	2
New Zealand	1	-	2	2	4	5
Pakistan	1	7	-	2	9	10
Philippines	5	4	2	-	6	11
Republic of Korea	3	9	10	-	19	22
Singapore	2	4	-	-	4	6
Sri Lanka	1	-	9	-	9	10
Thailand	8	3	1	-	4	12
Total	131	45	83	14	142	273

	Directory	Supple- ment 1	Supple- ment 2	Supple- ment 3	Subtotal of Supple- ments 1, 2 and 3	Total
Mortality						
Australia	5	1	4	-	5	10
Burma	2	-	-	-	-	2
Cambodia	2	-	-	-	-	2
Hong Kong	-	-	2	-	2	2
India	6	-	12	1	13	19
Indonesia	-	1	3	-	4	4
Iran	2	-	-	1	1	3
Japan	11	1	2	1	4	15
Malaysia	2	1	-	-	1	3
New Zealand	2	-	2	-	2	4
Pakistan	-	5	-	-	5	5
Philippines	1	1	-	-	1	2
Republic of Korea	1	2	1	-	3	4
Sri Lanka	-	-	1	-	1	1
Total	34	12	27	3	42	76

	Directory	Supple- ment 1	Supple- ment 2	Supple- ment 3	Subtotal of Supple- ments 1, 2 and 3	Total
Migration						
Australia	10	-	17	-	17	27
Burma	2	-	-	-	-	2
India	9	1	5	3	9	18
Indonesia	1	2	3	-	5	6
Iran	1	-	4	1	5	6
Japan	3	-	1	3	4	7
Malaysia	-	1	-	-	1	1
New Zealand	11	3	5	-	8	19
Pakistan	-	-	-	2	2	2
Papua New Guinea	1	-	-	-	-	1
Philippines	1	-	-	-	-	1
Republic of Korea	3	2	2	-	4	7
Singapore	-	1	-	-	1	1
Sri Lanka	1	1	2	-	3	4
Thailand	1	2	-	-	2	3
Total	44	13	39	9	61	105

	Directory	Supple- ment 1	Supple- ment 2	Supple- ment 3	Subtotal of Supple- ments 1, 2 and 3	Total
Interrelations of de- mographic and other factors						
Australia	6	-	16	-	16	22
Bangladesh	7	3	-	6	9	16
Burma	3	-	-	-	-	3
Cambodia	1	-	-	-	-	1
Hong Kong	3	-	3	2	5	8
India	24	7	18	4	29	53
Indonesia	8	5	11	-	16	24
Iran	5	-	8	8	16	21
Japan	32	2	13	2	17	49
New Zealand	1	-	3	-	3	4
Pakistan	1	4	-	5	9	10
Philippines	12	2	5	-	7	19
Republic of Korea	6	3	14	-	17	23
Singapore	4	2	2	-	4	8
Sri Lanka	1	1	4	-	5	6
Thailand	4	3	9	-	12	16
Total	118	32	106	27	165	283

	Directory	Supple- ment 1	Supple- ment 2	Supple- ment 3	Subtotal of Supple- ments 1, 2 and 3	Total
Population policies						
Australia	1	-	5	-	5	6
Indonesia	-	1	-	-	1	1
Japan	1	-	-	-	-	1
Republic of Korea	1	-	3	-	3	4
Total	3	1	8	-	9	12

	Directory	Supple- ment 1	Supple- ment 2	Supple- ment 3	Subtotal of Supple- ments 1, 2 and 3	Total
Methodology						
Australia	3	-	1	-	1	4
Bangladesh	1	-	-	1	1	2
Burma	1	-	-	-	-	1
Cambodia	2	-	-	-	-	2
India	22	4	16	11	31	53
Indonesia	6	2	4	-	6	12
Iran	3	-	2	-	2	5
Japan	9	2	2	-	4	13
Malaysia	3	1	-	-	1	4
New Zealand	4	1	2	-	3	7
Pakistan	3	4	-	-	4	7
Philippines	9	5	-	-	5	14
Republic of Korea	2	5	11	-	16	18
Republic of South Vietnam	1	-	-	-	-	1
Singapore	-	1	1	-	2	2
Thailand	1	1	-	-	1	2
Total	70	26	39	12	77	147

	Directory	Supple- ment 1	Supple- ment 2	Supple- ment 3	Subtotal of Supple- ments 1, 2 and 3	Total
Fertility Control						
Australia	3	-	9	-	9	12
Bangladesh	23	3	-	3	6	2
India	76	24	70	10	104	180
Indonesia	11	6	7	-	13	24
Iran	17	-	-	4	5	22
Japan	14	1	3	2	6	20
Nepal	-	1	-	-	1	1
New Zealand	-	1	-	-	1	1
Pakistan	9	8	-	2	10	19
Philippines	9	8	-	-	8	17
Republic of Korea	13	21	46	-	67	80
Singapore	-	13	-	-	13	13
Sri Lanka	1	-	-	-	-	1
Thailand	11	3	9	-	12	23
Total	187	89		21	255	442

	Directory	Supple- ment 1	Supple- ment 2	Supple- ment 3	Subtotal of Supple- ments 1, 2 and 3	Total
General						
Australia	-	-	2	-	2	2
Hong Kong	-	-	-	1	1	1
India	5	-	3	-	3	8
Indonesia	-	1	-	-	1	1
Japan	-	2	-	-	2	2
Nepal	-	1	-	-	1	1
Pakistan	-	-	-	1	-	1
Philippines	-	2	2	-	4	4
Singapore	-	2	-	-	2	2
Thailand	-	1	-	-	1	1
Total	5	9	7	2	18	23

Annex 2
LIST OF INSTITUTIONS IN
ASIAN POPULATION STUDIES SERIES NO. 8 RESEARCH, TEACHING AND TRAINING IN
DEMOGRAPHY - A DIRECTORY OF INSTITUTIONS IN THE ESCAP REGION

AND/OR
SUPPLEMENTS 1/ 1, 2 AND 3 (UPDATING)

Institution	(1972)2/ Directory	1974)2/ Supple- ment 1	(1975)2/ Supple- ment 2	(1975)2/ Supple- ment 3
AUSTRALIA				
Australian National University (Canberra) Research School of Pacific Studies, Department of Human Geography	•		•	
Research School of Social, Institute of Advanced Studies, Department of Demo- graphy	•		•	
James Cook University (Queensland) Department of Geography				•
Macquarie University (Sydney) School of Economic and Financial Studies, Statistics Section	•			•
Monash University (Melbourne) Department of Geography	•	•		
Salisbury College of Advanced Education (Salisbury)		•		
Torrens College of Advanced Education (Torrens- ville)		•		
University of Adelaide (Adelaide) Faculty of Arts, Department of Geography	•	•		
Faculty of Medicine, Department of Obstetrics and Gynaecology	•		•	
Faculty of Science, Department of Genetics	•			
University of Melbourne (Melbourne) Faculty of Economics and Commerce	•			
University of New England (Armidale) Department of Geography	•		•	
University of Queensland (Brisbane) Department of Geography	•		•	

- 1/ Institutions featured only in Supplements 1, 2 or 3 were compiled after the publication of Asian Population Studies Series No. 8, Research, Teaching and Training in Demography - A Directory of Institutions in the ESCAP Region (E/CN.11/1007).
- 2/ Year of publication.

Institution	Directory	Supple- ment 1	Supple- ment 2	Supple- ment 3
University of Sydney (Sydney) Department of Geography Department of Mathematical Statistics	• •	•	•	
University of Western Australia (Perth) Department of Economics Raine Medical Statistics Units	• •	•	•	
BANGLADESH				
Bangladesh Family Planning Council ^{3/} (Dacca) Inspection Directorate	•			•
Bangladesh Institute of Development Economics (Dacca)		•		
National Post Partum Family Planning Programme (Dacca)		•		
Pakistan Academy for Rural Development (Comilla) Family Planning Section	•			
Rajshahi University (Rajshahi) Department of Sociology and Social Work Department of Statistics	• •			
Training, Research, Evaluation and Communication Directorate ^{4/} (Dacca)	•			•
University of Dacca (Dacca) Department of Economics Department of Geography Department of Statistics Institute of Statistical Research and Training	• • • • •	•		•
BURMA				
Arts and Science University (Rangoon) Department of Geography	•			
Institute of Economics (Rangoon) Department of Statistics	•			
CAMBODIA				
Institut National de la Statistique et des Recherches Economiques (Phnom Penh)				

^{3/} Formerly known as Pakistan Family Planning Council.

^{4/} Formerly known as Training Research and Evaluation Centre.

Institutions	Directory	Supple- ment 1	Supple- ment 2	Supple- ment 3
Direction du Recensement Général de la Population	•			
Universite de Phnom-Penh (Phnom-Penh)				
Faculte des Lettres et des Sciences Humaines	•			
Centre de Documentation et de Recherches	•			
HONG KONG				
The Chinese University of Hong Kong (Hong Kong)				
Economic Research Centre	•			
Social Research Centre			•	
Graduate School, Geographical Research Centre	•			
University of Hong Kong (Hong Kong)				
Department of Geography and Geology	•			•
Department of Statistics	•			•
Faculty of Medicine, Department of Preven- tive and Social Medicine	•		•	
INDIA				
Aligarh Muslim University (Aligarh)				
Jawaharlal Nehru Medical College, Depart- ment of Preventive and Social Medicine	•		•	
All-India Institute of Hygiene and Public Health (Calcutta)	•		•	
All-India Institute of Medical Sciences (New Delhi)	•			
Andhra University (Waltair)				
Department of Statistics	•		•	
Banaras Hindu University (Banaras)				
Faculty of Science, Demographic Research Centre	•			
Bureau of Economics and Statistics (Kerala)				
Demographic Research Centre	•	•		
Central Statistical Organization (New Delhi)	•		•	
Council for Social Development (New Delhi)	•	•		
Delhi School of Social Work (New Delhi)	•		•	
Demographic Research Centre and Institute of Eco- nomic Research (Vidyagiri)	•		•	

Institution	Directory	Supple- ment 1	Supple- ment 2	Supple- ment 3
Department of Family Planning, Evaluation and Intelligence Division, Ministry of Health and Family Planning, Government of India (New Delhi)				*
The Gandhigram Institute of Rural Health and Family Planning (Gandhigram)	*		*	*
Gokhale Institute of Politics and Economics (Poona)	*		*	
Hamidia Arts and Commerce College (Bhopal)	*			
Indian Agricultural Research Institute (Delhi)	*	*		
Indian Institute of Management (Vastrapur)		*		
Indian Statistical Institute (Calcutta) Research and Training School, Demography Unit Family Planning Research Unit	*	*		
Institute of Economic Growth (Delhi) Demographic Research Centre	*			
The Institute for Social and Economic Change (Bangalore) Demographic and Communication Action Research Unit			*	
International Institute for Population Studies (Bombay)	*		*	
Jadavpur University (Calcutta) Department of Economics, Demographic Research Unit	*			*
Jawaharlal Nehru University (New Delhi) Centre for the Study of Regional Development, School of Social Sciences				*
Karnatak University (Dharwar) Department of Economics Department of Geography Department of Sociology Department of Statistics	*		*	
Kashi Vidya Pith University (Banaras) Department of Economics	*		*	
Lucknow University (Lucknow) Department of Economics	*			

Institution	Directory	Supple- ment 1	Supple- ment 2	Supple- ment 3
Department of Economics, Demographic Re- search Centre	•		•	
Motilal Nehru Medical College (Allahabad)	•		•	
Nagpur University (Nagpur) Department of Geography			•	
National Institute of Family Planning (New Delhi)				•
Office of the Registrar General and Census Com- missioner of India (New Delhi)				•
Operations Research Group (Baroda)				•
Osmania University (Hyderabad) Department of Economics	•	•		
Panjab University (Chandigarh) Department of Geography	•			•
Patna University (Patna) Department of Sociology	•			•
Department of Statistics	•			•
Department of Statistics, Demographic Research Centre	•		•	
Planning Research and Action Institute (Lucknow)	•			•
Population Council of India (New Delhi)		•		
Ravishankar University (Raipur) C.M. Dubey Post-graduate College	•			•
Sagar University (Sagar) Department of Economics	•		•	
Sri Venkateswara University (Tirupati) Population Studies Centre			•	
State Family Planning Bureau, Demographic and Evaluation Cell, Directorate of Public Health and Family Planning (Bhopal)				•
State Family Planning Bureau (Lucknow)				•
State Family Planning Bureau, Demographic and Evaluation Cell, Directorate of Health Services (Trivandrum)				•
Tata Institute of Social Sciences (Bombay)	•	•		

Institution	Directory	Supple- ment 1	Supple- ment 2	Supple- ment 3
University of Agricultural Sciences (Bangalore) Sociology and Economics Division	•		•	
The University of Allahabad (Allahabad) Economics Department	•			
University of Baroda (Baroda) Faculty of Arts, Department of Economics Faculty of Science, Demographic Research Centre	• •		•	•
University of Bombay (Bombay) Department of Economics	•	•		
University of Jodhpur (Jodhpur) Department of Geography	•		•	
University of Kerala (Trivandrum) Department of Statistics	•			
University of Mysore (Masagangotri) Department of Post Graduate Studies and Research in Sociology Institute of Development Studies	•			•
University of Poona (Poona) Department of Mathematics and Statistics	•			
University of Rajasthan (Jaipur) Department of Sociology	•			
University of Udaipur (Udaipur) School of Basic Sciences and Humanities	•			
Utkal University (Vani Vihar) Department of Rural Economics	•			•
Vikram University (Ujjain) Department of Economics	•		•	
INDONESIA				
Andalas University (Padang) Faculty of Economics, Institute for Economic and Social Research	•	•		
Airlangga University (Surabaya) Faculty of Economics, Department of Science and Research, Demographic Section		•		
Bogor Agricultural University (Bogor)				

Institution	Directory	Supple- ment 1	Supple- ment 2	Supple- ment 3
Centre for Rural Sociological Research		•		
Central Bureau of Statistics (Djakarta)	•			
Gadjah Mada University (Jogjakarta)				
Faculty of Economics	•			
Faculty of Economics, Bureau of Economic Research	•			
Faculty of Geography	•		•	
Institute of Population Studies		•		
Geographic Institute of the Indonesian Army (Jakarta)	•			
Hasanuddin University (South Sulawesi)		•		
National Institute of Economic and Social Research (Jakarta)				
Population Studies Centre	•		•	
National Institute of Public Health (Surabaya)		•		
Sriwidjaja University (Palembang)				
Faculty of Economics, Research Institute	•			
University of Brawidjaja (Malang)				
Economics Faculty, Economic Research Institution	•			
Fakultas Ekonomi, Lembaga Demografi			•	
Universitas Indonesia (Jakarta)				
Fakultas Ekonomi, Lembaga Demografi	•		•	
School of Public Health	•		•	
Universitas Lambung Mangkurat (Bandjarmasin)				
Faculty of Economics	•		•	
*Universitas Mataram (Lombok)				
Faculty of Economics	•		•	
Universitas Negeri Jendral Soedirman (Purwokerto)				
Fakultas Ekonomi			•	
Universitas Sumatera Utara (Medan)				
Fakultas Ekonomi, Lembaga Penelitian & Pengabdian Masyarakat		•		
Universitas Syiah Kuala (Banda Aceh)				
Fakultas Ekonomi, Project Penelitian Demografi		•		

Institution	Directory	Supple- ment 1	Supple- ment 2	Supple- ment 3
IRAN				
Pahlavi University (Shiraz) National Development Department Pahlavi Population Center	•		•	•
Statistical Centre of Iran (Tehran) Population Division	•			•
University of Tehran (Tehran) Department of Sociology	•			•
University of Tehran (Tehran) Faculty of Economics Faculty of Economics, Institute of Economic Research	•		•	
Institut d'Etudes et de Recherches Sociales, Departement de Demographie	•		•	
Section of Demographic Research, Social Studies and Research Institute			•	
School of Public Health and Institute of Public Health Research	•			•
Ministry of Health (Tehran) General Department of Population and Statis- tical Surveys				•
JAPAN				
Akita University (Akita City) Faculty of Education, Department of Geography	•			
Asian Statistical Institute (Tokyo)		•		
Atomic Bomb Casualty Commission (Hiroshima)	•		•	
Chiba University (Chiba)	•		•	
Chuo University (Tokyo) Faculty of Economics	•			
Ehime University (Matsuyama City) College of Law and Literature, Geography Institute, South-East Asian Studies	•			
Family Planning Federation of Japan (Tokyo)	•	•		
Fukushima Medical College (Fukushima) Department of Statistics	•	•		

Institution	Directory	Supple- ment 1	Supple- ment 2	Supple- ment 3
Hakodate University (Hakodate)				
Department of Commerce	*		*	
Research Institute of Hokkaido Economic Development	*		*	
Hiroshima University (Hiroshima)				
Department of General Education, Statistics Section	*			*
Institute of Developing Economics (Tokyo)	*	*		
Kansai Medical School (Moriguchi)				
Department of Hygiene and Public Health	*			
Keio University (Tokyo)				
Department of Economics	*			
Kobe University (Kobe)				
Faculty of Economics	*		*	
Research Institute for Economics and Business Administration	*		*	
School of Medicine, Department of Hygiene	*			
Kobe University of Commerce (Kobe)				
Institute of Economic Research	*		*	
Kokushikan University (Tokyo)				
Department of Economics	*			
Kyushu University (Fukuoka)				
Faculty of Medicine, Department of Public Health	*			
Kwansei Gakuin University (Nishinomiya)				
Department of Sociology	*		*	
Meiji University (Tokyo)				
Department of Political Science and Economics	*	*		
Institute of Social Science	*			
Ministry of Health and Welfare (Tokyo)				
Institute of Population Problems	*			*
National Institute of Genetics (Mishima)	*	*		
National Institute of Public Health (Tokyo)				
Department of Public Health and Demography	*		*	
Osaka University (Osaka)				
Faculty of Letters, Department of Sociology	*			
Medical School, Department of Hygiene	*			

Institution	Directory	Supple- ment 1	Supple- ment 2	Supple- ment 3
Rikkyo University (Tokyo)	•		•	
Saga University (Saga City) Faculty of Liberal Arts, Department of Sociology	•		•	
Tohoku University School of Medicine (Sendai) Department of Public Health Faculty of Economics	• •	•		•
Tokushima University (Tokushima City) Department of Education	•			
Tokyo Women's Medical College (Tokyo) Department of Hygiene	•		•	
University of Tokyo (Tokyo) Department of Agricultural Economics Faculty of Liberal Arts, Institute of Human Geography Faculty of Medicine, School of Health Sciences, Department of Human Ecology Faculty of Medicine, Department of Public Health	• • • • • •		• • •	•
Waseda University (Tokyo)	•		•	
Yamanashi University (Kofu-shi) Department of Education	•			
LAOS				
Service National de la Statistique (Vientiane)	•		•	
MALAYSIA				
Department of Statistics (Kuala Lumpur)	•	•		
University of Malaya (Kuala Lumpur) Faculty of Economics and Administration, Division of Statistics Faculty of Medicine	• •	• •		
NEPAL				
Ministry of Health (Kathmandu) Family planning and maternal and child health (FP/MCH) project		•		

Institution	Directory	Supple- ment 1	Supple- ment 2	Supple- ment 3
NEW ZEALAND				
Massey University (Palmerston North)				
Department of Geography	*		*	
Department of Sociology			*	
University of Auckland (Auckland)				
Department of Geography	*		*	
Department of Sociology		*		
Post-graduate School of Obstetrics and Gynaecology		*		
University of Canterbury (Christchurch)				
Department of Geography	*		*	
University of Otago (Dunedin)				
Department of Geography	*		*	
Medical School, Department of Preventive and Social Medicine	*		*	
University of Waikato (Hamilton)				
Department of Geography	*	*		
Department of Sociology				*
Victoria University of Wellington (Wellington)				
Department of Social Administration and Sociology	*		*	
PAKISTAN				
Census Organization (Islamabad)				*
Gomal University (N.W.F.P.)				
Department of Statistics				*
National Research Institute of Family Planning (Karachi)	*			
Pakistan Institute of Development Statistics (Islamabad)	*			
Social Science Research Centre (Lahore)	*			*
University of Karachi (Karachi)				
Department of Statistics		*		
University of the Punjab (Lahore)				
Department of Sociology				*
Institute of Statistics	*			

Institution	Directory	Supplement 1	Supplement 2	Supplement 3
PAPUA NEW GUINEA				
University of Papua and New Guinea (Boroko)				
Department of Geography	•			
Department of Social and Preventive Medicine	•			
PHILIPPINES				
Asian Social Institute (Manila)				
Sociology Research Department	•			
Far Eastern University (Manila)				
Dr. Nicanor Reyes Medical Foundation,				
Department of Social and Preventive Medicine	•	•		
Saint Louis University (Baguio)				
Sociological Research Institute	•	•		
Silliman University (Dumaguete City)				
Extension Service Programme	•		•	
University of the East (Manila)				
Department of Sociology	•		•	
University of Negros Occidental - Recoletos (Bacolod City)	•		•	
University of Nueva Caceres (City of Naga)				
College of Liberal Arts	•	•		
University of the Philippines (Manila and Quezon City)				
College of Arts and Sciences, Department of Geology and Geography	•	•		
College of Arts and Sciences, Department of Sociology	•		•	
College of Medicine, Department of Obstetrics and Gynaecology Reproductive Biology Centre	•	•		
Institute of Hygiene	•	•		
Population Institute	•	•		
School of Economics, Institute of Economic Development and Research	•	•		
Statistical Centre	•	•		
University of San Carlos (Cebu City)				
Department of Sociology-Anthropology	•	•		
University of Santo Tomas (Manila)				

Institution	Directory	Supple- ment 1	Supple- ment 2	Supple- ment 3
Department of Sociology	*	*		
Xavier University (Cagayan de Oro City) Research Institute for Mindanao Culture (RIMCU)	*	*		
REPUBLIC OF KOREA				
Economic Planning Board (Seoul) Bureau of Statistics, Population Division	*		*	
Dongguk University (Seoul) Statistical Science Research Institute	*			
The Institute of Population Problems (Seoul)	*		*	
Korea University (Seoul) College of Medicine, Department of Obstetrics and Gynaecology			*	
Korean Institute for Family Planning (Seoul)			*	
Korea University (Seoul) Department of Sociology	*	*		
Labour Research Centre	*			
Social Research Institute	*			
Kyung Hee University (Seoul) Department of Geography	*		*	
Kyungpook University (Taegu) Department of Sociology	*	*		
Graduate School, Department of Sociology	*		*	
The Korean Rural Community Research Centre School of Medicine, Department of Preventive Medicine and Public Health	*	*	*	
Teachers College, Department of Social Studies	*		*	
Pusan National University (Pusan) College of Business	*		*	
Graduate School, Department of Economics			*	
Seoul National University (Seoul) College of Liberal Arts and Sciences, The Population and Development Studies Centre	*	*		
College of Medicine, Urban Population Studies Centre	*	*		
School of Public Health	*		*	

Institution	Directory	Supplement 1	Supplement 2	Supplement 3
Woo-Sok University (Seoul) Department of Obstetrics and Gynaecology	*			
Yorsei University (Seoul) Centre for Population and Family Planning	*	*		
REPUBLIC OF SOUTH VIETNAM				
Institut National de la Statistique (Saigon)	*		*	
National School of Administration (Saigon)		*		
Université de Saigon (Saigon) Faculte de Droit	*			
Universite de Hue (Hue) Faculte des Lettres et des Sciences Humaines, Department d'Histoire et de Geographie	*			
SINGAPORE				
University of Singapore (Singapore) Department of Geography	*	*		
Department of Social Medicine, and Public Health	*		*	
Department of Sociology		*		
Department of Statistics		*		
Economic Research Centre	*	*		
SRI LANKA				
Department of Census and Statistics, Branch Office (Colombo)			*	
Department of Health Services, Health Statistics Branch (Colombo)	*	*		
Marga Institute (Sri Lanka Centre for Development Studies) (Colombo)			*	
Ministry of Planning and Economic Affairs, Popu- lation and Manpower Unit ^{5/} (Colombo)	*	*		
University of Ceylon (Peradeniya) Faculty of Medicine, Department of Preven- tive and Social Medicine	*			
Faculty of Medicine, Department of Public Health and Preventive Medicine	*			
Faculty of Social Science	*			

^{5/} Formerly listed as Ministry of Planning and Employment, Perspective Planning Division.

Institution	Directory	Supple- ment 1	Supple- ment 2	Supple- ment 3
University of Sri Lanka (Kelaniya) Department of Geography			•	
University of Sri Lanka (Colombo) Demographic Training and Research Unit			•	
Vidyodaya University of Ceylon (Gangodawila)	•			
THAILAND				
Chiangmai University (Chiangmai) Faculty of Medicine, Department of Preven- tive and Social Medicine Faculty of Social Sciences	• •	•		
Chulalongkorn University (Bangkok) Faculty of Education Faculty of Political Science Institute of Population Studies	• • •	•	•	
Mahidol University (Bangkok) Faculty of Medicine, Ramathibodi Hospital Faculty of Medicine, Department of Obstetrics and Gynaecology Faculty of Public Health Faculty of Public Health, Institute for Popu- lation and Social Research	• • • •		• •	
The National Institute of Development Administra- tion (NIDA) (Bangkok) School of Applied Statistics	•		•	
The National Research Council (Bangkok) Social Science Division	•			
Thammasat University (Bangkok) Department of Sociology and Anthropology Faculty of Political Science Faculty of Social Administration	• •	•	•	

Annex III

Institutions which have not been featured

If you know of institutions which have activities in the field of population but have not been featured in Asian Population Studies Series No. 8 Research, Teaching and Training in Demography - A Directory of Institutions in the ESCAP Region or Supplements 1, 2 and 3 of the Directory (see preceding annex II), please complete this form and return it to:

Clearing House and Information Section (D2)
Population Division
ESCAP secretariat
Saia Santitham
BANGKOK 2, THAILAND

- 1) NAME OF INSTITUTION:
ADDRESS:
.....
NAME OF HEAD OF INSTITUTION:
- 2) NAME OF INSTITUTION:
ADDRESS:
.....
NAME OF HEAD OF INSTITUTION:
- 3) NAME OF INSTITUTION:
ADDRESS:
.....
NAME OF HEAD OF INSTITUTION:

We shall be pleased to contact the institution(s).
Thank you for your continuing co-operation.

- No. 28 Population Strategy in Asia - Report, Declaration and Selected Papers of the Second Asian Population Conference (E/CN.11/1152): 1975
- No. 29 Comparative Study on the Administration of Family Planning Programmes in the ESCAP Region: Organization Determinants of Performances in Family Planning Services in Selected ESCAP Countries (under preparation)
- No. 30 Comparative Study on the Input-Output Relationships in Family Planning Programmes in Selected Countries of the ESCAP Region (in progress)
- No. 31 Multinational Study in Methodologies for Setting Family Planning Targets in the ESCAP Region (in progress)
- No. 32 Manual on Methods for Preparing Subnational Population Projections (under preparation)

B. Country Monograph Series:

- No. 1 Population of Hong Kong (E/CN.11/1120): 1974
- No. 2 Population of the Republic of Korea (E/CN.11/1241)
- No. 3 Population of Thailand (in preparation)

C. Publications not in the Asian Population Studies Series:

- No. 1 Report of the Expert Working Group on Problems of Internal Migration and Urbanization and Selected Papers, 24 May-5 June 1967 (SA/Dem/EGIM/L.22): 1967
- No. 2 Projections of Population of Subnational Areas - Report of a Working Group, 14-23 May 1969 (E/CN.11/897): 1969
- No. 3 Directory of Key Personnel and Periodicals in the Field of Population in the ECAFE Region (E/CN.11/898): 1970

D. Publications of Second Asian Population Conference, Tokyo, 1972

Official report
Available documents.

E. Population Newsletter:

Asian Population Programme News: Regional Quarterly Population Newsletter [vol. 1, Nos. 1, 2, 3; vol. 2, Nos. 1, 2 and 3 (combined); vol. 3, Nos. 1 and 2 (combined), 3 and 4 (combined); vol. 4, Nos. 1, 2 and 3 (combined), 4]

F. Population Headliners

G. Asian and Worldwide Topics (ADOPT)

- + Priority given to Governments and Institutions
- # Available in microfiche form

ESCAP SALES PUBLICATIONS

Obtainable: (1) ESCAP, Sala Santitham, Bangkok, Thailand
(2) Sales Section, United Nations, New York, N.Y. 10017, U.S.A.
(3) Sales Section, European Office of the United Nations, Geneva, Switzerland
Terms: Bank draft in US dollars in the name of ESCAP in advance (outside Thailand)
Method of despatch: Registered surface mail (postage free)

ESCAP FREE PUBLICATIONS

Obtainable: ESCAP, Sala Santitham, Bangkok, Thailand

MICROFICHE COPIES OF THE PUBLICATIONS

All publications listed above, including the present Directory, are available in microfiche form. The purchase of copies can be arranged through the Clearing-house and Information Section, ESCAP Population Division, Sala Santitham, Bangkok, Thailand